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United States
Department of
Agriculture

Agricultural
Marketing
Service

Dairy Division

FMOS - 285

December 1983

Washington, D.C.

Federal Milk Order Market Statistics for September 1983

Highlights

- Minimum Class I Price, \$14.84; Blend, \$13.67
- Producer Deliveries - Up 3.7 Percent
- Producer Milk Used in Class I - Up 3.0 Percent
- 47 Percent of Deliveries Used in Class I
- In-Area Fluid Sales (Adjusted) - Up 1.6 Percent



Special This Issue

Adjusting "In-Area" Fluid Milk Sales for Calendar Composition

DEC 24 1983

U.S. DEPT. OF AGRICULTURE
FEDERAL MILK ORDER

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FEDERAL MILK ORDER MARKET STATISTICS
SUMMARY OF PRODUCER DELIVERIES, PRODUCER DELIVERIES USED IN CLASS I, AND PRICES

Year	Number of Markets	Average number of producers	Producer deliveries		Average daily deliv- eries per producer	Producer deliveries used in Class I		Class I utilization	Prices per hundredweight	
			Total	Percent change 1/ :		Total	Percent change 1/ :		Class I	Blend
1978	47	119,326	78.1	.2	1,793	41.1	0	53	11.40	10.57
1979	47	116,447	79.4	1.7	1,870	41.0	-.3	52	12.88	11.97
1980	47	117,518	84.0	5.5	1,953	41.0	-.2	49	13.77	12.86
1981	48	119,323	88.0	5.0	2,021	40.7	-.4	46	14.69	13.63
1982	49	120,751	91.6	4.1	2,079	40.8	.1	45	14.63	13.53

Year and month	Number of comp. mkt. 2/	Number of producers	Producer deliveries	Percent change 1/	Total	Bil. lbs.	Average daily deliveries	Per producer	Percent change 1/	Total	Bil. lbs.	Percent utilization	Prices per hundredweight Class I : Blend
1983	45	120,426	7.9	4.7	2,111	3.5	-1.7	44	47	14.71	14.67	13.63	13.62
Jan.	45	120,037	7.3	4.4	2,161	3.2	-1.2	44	46	14.77	14.71	13.63	13.59
Feb.	45	120,194	8.3	4.3	2,225	3.5	-1.6	42	45	14.77	14.70	13.52	13.50
Mar.	45	120,228	8.2	4.4	2,270	3.4	-1.0	41	43	14.74	14.61	13.46	13.39
Apr.	45	120,115	8.6	4.5	2,312	3.3	1.1	38	39	14.68	14.61	13.34	13.27
May	45	120,013	8.3	5.4	2,292	3.1	-.7	37	40	14.67	14.60	13.31	13.26
June	45	119,999	8.1	5.0	2,172	3.1	-2.6	39	42	14.66	14.58	13.42	13.39
July	45	120,360	7.9	4.3	2,107	3.3	3.7	42	43	14.64	14.56	13.57	13.51
Aug.	45	120,008	7.5	3.7	2,083	3.5	3.0	47	47	14.64	14.56	13.67	13.65
Sept.													
Oct.													
Nov.													
Dec.													
Year to date	---	120,153	71.9	4.5	2,193	29.8	-.1	41	43	14.70	14.62	13.50	13.46
3/													

1/ Represents changes over the previous year. Percentages computed from unrounded numbers. Data for 1980 adjusted to a 365-day basis before computing percent changes.

2/ Based on comparable markets--orders which were effective entire period, 1982-83, and which have had no significant marketing area changes; excludes Alabama-West Florida.

3/ Average or total. May not add due to rounding.

SUMMARY OF PACKAGED DISPOSITIONS OF FLUID MILK AND FLUID CREAM ITEMS 1/

Year and month	Number of markets	Whole milk items 2/	Percent	Dispo- sition	Lowfat and skim milk items 3/	Percent	Dispo- sition	Milk and cream mixtures	Percent	Dispo- sition	Cream items 4/	Percent	Dispo- sition	Total fluid milk and fluid cream items 5/
				Change 6/:Bf.		Change 6/:Bf.		Change 6/:Bf.		Change 6/:Bf.		Change 6/:Bf.		Change 6/:Bf.
		Mil. lbs.			Mil. lbs.									Mil. lbs.
1979	47	25,638	- 2.6	3.32	15,274	4.5	1.48	405	1.0	10.8	456	1.9	20.9	42,249 - 0.1
1980	47	24,817	- 3.5	3.32	16,097	5.1	1.49	415	2.2	10.8	463	1.4	21.1	42,276 - .2
1981	48	24,042	- 2.9	3.31	16,660	3.8	1.51	426	2.7	10.8	480	3.7	21.5	42,100 - .1
1982	49	23,798	- 2.8	3.31	17,190	1.9	1.52	436	1.9	10.8	518	7.1	20.8	42,477 - .6
1983 7/														
Jan.	44	1,651	- 4.8	3.30	1,415	2.2	1.56	28	6.5	10.9	27	10.0	20.6	3,147 - 1.2
Feb.	44	1,504	- 4.0	3.30	1,306	2.1	1.56	26	1.8	10.9	29	6.9	20.8	2,893 - 0.8
Mar.	44	1,665	- 3.4	3.29	1,446	1.1	1.55	31	4.6	10.9	34	7.6	21.0	3,209 - 0.9
Apr.	44	1,595	- 3.8	3.29	1,406	3.1	1.56	29	.6	10.9	32	.9	21.1	3,092 - .3
May	44	1,547	- 2.2	3.29	1,358	4.4	1.56	30	6.6	10.9	35	9.1	21.1	3,002 - 1.4
June	44	1,504	- 2.8	3.29	1,216	2.5	1.55	29	1.0	10.9	36	4.0	21.1	2,815 - 0.1
July	44	1,536	- 5.3	3.29	1,216	- .4	1.55	29	- 4.4	10.8	35	3.8	21.1	2,841 - 2.9
Aug.	44	1,633	1.8	3.29	1,321	7.4	1.57	30	2.4	10.8	37	9.4	21.0	3,049 - 4.6
Sept.														
Oct.														
Nov.														
Dec.														
Year to date	---	12,635	- 5.7	3.29	10,684	2.8	1.56	233	2.3	10.9	264	6.3	21.0	24,049 - 1.5

- 1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.
- 2/ Plain and flavored whole milk.
- 3/ Plain, solids added, and flavored lowfat and skim milk, and buttermilk.
- 4/ Light, heavy, and sour cream, and cream dips.
- 5/ Includes eggnog and yogurt.
- 6/ Represents changes over the previous year. Percentages are based on the same number of markets in both years. Data for 1980 adjusted to a 365-day basis before computing percent changes.
- 7/ Represents the data for all Federal milk order markets, except for New York-New Jersey and Alabama-West Florida.

SUMMARY OF MILK, SKIM MILK, AND CREAM UTILIZED IN MANUFACTURED PRODUCTS AND USES 1/

Year and month	Num-ber	Butter			Cheese			Frozen desserts			Cottage cheese			Nonfat dry milk			Total 2/		
		Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change
of	of	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.
mkts.	mkts.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.	Mil. Tbs.
1979	47	1,156	- 1.9	38.7	20,166	10.4	3.74	2,745	.2	12.6	3,899	10.2	1.15	6,127	- 6.5	.12	40,404	4.3	4.38
1980	47	1,315	17.3	40.0	22,723	12.5	3.74	2,837	1.0	12.4	4,099	12.6	1.23	8,081	31.6	.14	45,284	10.0	4.31
1981	48	1,437	9.6	40.0	25,302	10.9	3.72	2,906	1.3	12.2	4,018	- 5.0	1.19	9,455	16.3	.10	49,750	8.2	4.23
1982	49	1,550	5.5	39.4	27,408	7.8	3.71	3,094	2.8	12.0	3,893	- 5.0	1.17	10,647	11.8	.09	53,335	5.7	4.20
1983 4/																			
Jan.	44	150	3.1	41.4	2,080	8.8	3.78	185	9.5	12.3	256	12.5	1.38	887	13.3	.08	3,954	6.4	4.52
Feb.	44	141	4.3	40.3	1,954	8.8	3.75	200	5.1	12.2	241	- 4.5	1.30	869	12.1	.09	3,780	5.9	4.46
Mar.	44	144	1.1	39.7	2,294	9.7	3.77	244	.6	12.3	295	15.2	1.50	990	14.4	.09	4,435	4.9	4.30
Apr.	44	142	2.2	39.9	2,332	10.4	3.74	239	-3.0	11.4	274	10.5	1.42	983	6.9	.08	4,433	5.6	4.25
May	44	148	7.6	37.0	2,526	8.5	3.67	313	10.6	10.4	295	16.9	1.41	1,095	10.1	.10	4,863	8.4	4.07
June	44	132	12.0	36.2	2,505	9.1	3.59	314	4.4	11.5	290	18.2	1.37	1,066	8.5	.07	4,817	8.5	3.96
July	44	135	6.6	30.8	2,364	7.6	3.55	306	1.7	11.4	283	17.6	1.34	958	1.0	.07	4,535	5.7	3.89
Aug.	44	123	7.9	30.6	2,129	5.5	3.58	315	5.9	11.6	307	26.7	1.36	859	3.5	.08	4,210	6.2	3.97
Sept.																			
Oct.																			
Nov.																			
Dec.																			
Year to date	--	1,117	5.2	37.2	18,184	8.6	3.68	2,117	4.2	11.6	2,241	14.2	1.39	7,707	8.6	.08	35,026	6.5	4.16

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonorder plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured products: i.e., evaporated milk; condensed milk; whole milk powder; aerated, frozen, and plastic cream; milk, skim milk, and cream used in food products as well as used in animal feed; dumped or spilled; plant loss; and unidentified.

3/ Represents changes over the previous year. Percentages are based on the same number of markets in both years. These changes are based on pounds of butterfat, except for nonfat dry milk which is based on pounds of skim milk. Data for 1980 adjusted to a 365-day basis before computing percent changes.

4/ Excludes New York-New Jersey and Alabama-West Florida.

SUMMARY OF PACKAGED SALES OF FLUID MILK ITEMS IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS 1/

Year and month	Number of mths.	Whole milk items 2/				Lowfat and skim milk items 3/				Total fluid milk items			
		Sales		Percent		Sales		Percent		Sales		Percent	
		Change 4/		Change 4/		Change 4/		Change 4/		Change 4/		Change 4/	
		Total	Adj. 5/	Total	Adj. 5/	Total	Adj. 5/	Total	Adj. 5/	Total	Adj. 5/	Total	Adj. 5/
		Mil. lbs.				Mil. lbs.				Mil. lbs.			
1979	47	24,784	- 2.9	- 3.2	3.33	14,838	4.5	4.2	1.48	39,621	39,597	- .2	- .6
1980	47	23,852	- 4.0	- 4.0	3.32	15,585	4.7	4.7	1.49	39,436	39,322	- .7	- .7
1981	48	22,985	- 3.5	- 3.5	3.32	16,090	3.3	3.3	1.52	39,074	39,058	- .8	- .8
1982	49	22,681	- 3.2	- 3.2	3.32	16,554	1.5	1.4	1.54	39,235	39,342	- 1.3	- 1.2
1983 6/													
Jan.	44	1,590	- 4.0	- 3.6	3.30	1,366	2.1	2.2	1.56	2,956	2,831	- 1.3	- 1.1
Feb.	44	1,448	- 3.4	- 3.4	3.30	1,260	2.1	2.1	1.56	2,708	2,834	- 1.0	- 1.0
Mar.	44	1,605	- 2.8	- 2.0	3.30	1,396	1.2	1.2	1.54	3,002	2,842	- .9	- .5
Apr.	44	1,530	- 3.4	- 3.3	3.30	1,353	2.9	3.1	1.56	2,883	2,845	- .5	- .4
May	44	1,491	- 2.1	- 2.6	3.30	1,306	3.9	4.1	1.55	2,797	2,835	.6	.4
June	44	1,446	- 2.8	- 2.2	3.29	1,171	2.0	1.7	1.55	2,616	2,857	- .8	- .6
July	44	1,475	- 5.2	- 1.6	3.30	1,176	- .4	2.5	1.56	2,651	2,890	- 3.1	- .2
Aug.	44	1,568	1.5	- 1.5	3.29	1,274	7.1	4.7	1.57	2,842	2,896	4.0	1.2
Sept.	44	1,585	.9	- 1.0	3.31	1,392	5.5	4.8	1.57	2,977	2,893	3.0	1.6
Oct.													
Nov.													
Dec.													
Year	---	13,738	- 2.4	- 2.4	3.30	11,693	2.9	2.9	1.56	25,432	25,725	0	0
to													
date													

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, solids added, flavored lowfat and skim milk, and buttermilk.

4/ Represents changes over the previous year. Percentages are based on the same number of comparable markets in both years. Data for 1980 are adjusted to a 365-day basis before computing percent changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in this issue beginning on page 42.

6/ Excludes New York-New Jersey and Alabama-West Florida. Data for the current month are estimated.

[illegible]

DIFFERENCES IN SHADING MERELY SERVE TO DIFFERENTIATE BETWEEN MARKETING AREAS

SOUTHEASTERN FLORIDA

0 100 200 300 400 500 MILES

AREAS OF EQUAL AREA PROJECTION

AMS REG. 706-03 (1) (REV.)

U. S. DEPARTMENT OF AGRICULTURE

TABLE 1--FEDERAL ORDER FLUID (CLASS 1) DIFFERENTIALS, NOVEMBER 1983 AND MINIMUM FEDERAL ORDER CLASS 1 PRICES, OCTOBER AND NOVEMBER 1983 AND 1982 1/

Federal milk order marketing area	Fluid diff. 2/	Class I price				Federal milk order marketing area	Fluid diff. 2/	Class I price				
		October		November				October		November		
		1983	1982	1983	1982			1983	1982	1983	1982	
Dollars												
NORTH ATLANTIC												
New England	3.00	15.48	15.44	15.48	15.46	EAST SOUTH CENTRAL	2.10	14.58	14.54	14.58	14.56	
New York-New Jersey	2.84	15.32	15.28	15.32	15.30		Tennessee Valley	1.85	14.33	14.29	14.33	14.31
Middle Atlantic	2.78	15.26	15.22	15.26	15.24		Nashville	1.70	14.18	14.14	14.18	14.16
							Paducah	1.94	14.42	14.38	14.42	14.40
SOUTH ATLANTIC												
Georgia	2.30	14.78	14.74	14.78	14.76	WEST SOUTH CENTRAL						
Alabama-West Fla.	2.30	14.78	14.74	14.78	14.76		Central Arkansas	1.94	14.42	14.38	14.42	14.40
Upper Florida	2.85	15.33	15.29	15.33	15.31		Fort Smith	1.95	14.43	14.39	14.43	14.41
Tampa Bay	2.95	15.43	15.39	15.43	15.41		Southwest Plains	1.98	14.46	14.42	14.46	14.44
Southeastern Florida	3.15	15.63	15.59	15.63	15.61		Texas Panhandle	2.25	14.73	14.69	14.73	14.71
EAST NORTH CENTRAL												
Michigan Upper Pen.	1.35	13.83	13.79	13.83	13.81	Lubbock-Plainview	2.42	14.90	14.86	14.90	14.88	
Southern Michigan	1.60	14.08	14.04	14.08	14.06	Texas	2.32	14.80	14.76	14.80	14.78	
Eastern Ohio-W. Pa.	1.85	14.33	14.29	14.33	14.31	Greater Louisiana	2.47	14.95	14.91	14.95	14.93	
Ohio Valley	1.70	14.18	14.14	14.18	14.16	New Orleans-Miss.	2.85	15.33	15.29	15.33	15.31	
Indiana	1.53	14.01	13.97	14.01	13.99	MOUNTAIN						
Chicago Regional	1.26	13.74	13.70	13.74	13.72		Eastern Colorado	2.30	14.78	14.74	14.78	14.76
Central Illinois	1.39	13.87	13.83	13.87	13.85		Western Colorado	2.00	14.48	14.44	14.48	14.46
Southern Illinois	1.53	14.01	13.97	14.01	13.99		Sw. Idaho-E. Oregon:	1.50	13.98	13.94	13.98	13.96
Louis.-Lex.-Evans.	1.70	14.18	14.14	14.18	14.16		Great Basin	1.90	14.38	14.34	14.38	14.36
WEST NORTH CENTRAL												
Upper Midwest	1.12	13.60	13.56	13.60	13.58	Lake Mead	1.60	14.08	14.04	14.08	14.06	
Eastern South Dakota:	1.40	13.88	13.84	13.88	13.86	Central Arizona	2.52	15.00	14.96	15.00	14.98	
Black Hills	1.95	14.43	14.39	14.43	14.41	Rio Grande Valley	2.35	14.83	14.79	14.83	14.81	
Iowa	1.40	13.88	13.84	13.88	13.86	PACIFIC						
Nebr.-Western Iowa	1.60	14.08	14.04	14.08	14.06		Puget Sound	1.85	14.33	14.29	14.33	14.31
Greater Kansas City	1.74	14.22	14.18	14.22	14.20		Inland Empire	1.95	14.43	14.39	14.43	14.41
St. Louis-Ozarks	1.60	14.08	14.04	14.08	14.06		Oregon-Washington	1.95	14.43	14.39	14.43	14.41

1/ Prices are for 100 pounds of milk of 3.5 percent butterfat content. Prices are listed generally for the major city in the marketing area; see footnotes on page 24 for these locations.

2/ The fluid differential is the amount added to the basic formula price to determine the Class I price. The basic formula price is the Minnesota-Wisconsin price for the second preceding month adjusted to a 3.5 percent butterfat content. See table 19.

3/ Tied to the St. Louis-0zarks order.

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, SEPTEMBER, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT										DIFFERENTIALS PER 0.1 PERCENT OF BUTTERFAT			
	CLASS I		BLEND 2/		CLASS		CLASS		CLASS		CLASS		CLASS	
	SEP	SEP	SEP	SEP	SEP	SEP	SEP	SEP	SEP	SEP	SEP	SEP	SEP	SEP
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
-----DOLLARS-----														
-----CENTS-----														
NORTH ATLANTIC														
NEW ENGLAND <u>3/</u>	15.50	15.42	14.85	14.77	12.54									17.4
NEW YORK-NEW JERSEY <u>4/</u>	15.34	15.26	14.34	14.33	12.62									17.4
MIDDLE ATLANTIC <u>5/</u>	15.28	15.20	6/ 13.98	6/ 13.89	12.56									17.4
REGIONAL AVERAGE	15.37	15.29	14.37	14.31										17.4
SOUTH ATLANTIC														
GEORGIA <u>7/</u>	14.80	14.72	14.47	14.35	12.63									17.4
ALABAMA--WEST FLORIDA <u>8/</u>	14.80	14.72	14.54	14.51	12.58									17.4
UPPER FLORIDA <u>9/</u>	15.35	15.27	15.10	15.03	12.68									17.4
TAMPA BAY	15.45	15.37	15.27	15.08	12.68									17.4
SOUTHEASTERN FLORIDA <u>10/</u>	15.65	15.57	15.47	15.32	12.68									17.4
REGIONAL AVERAGE <u>12/</u>	15.19	15.08	14.92	14.75										17.4
EAST NORTH CENTRAL														
MICHIGAN UPPER PENINSULA <u>13/ 14/</u>	13.85	13.77	13.19	13.02	12.48									17.9
SOUTHERN MICHIGAN <u>15/</u>	14.10	14.02	13.24	13.17	12.68									17.1
EAST. OHIO--WEST. PENNSYLVANIA <u>16/</u>	14.35	14.27	17/ 13.44	17/ 13.69	12.63									17.4
OHIO VALLEY <u>18/</u>	14.20	14.12	17/ 13.49	17/ 13.79	12.63									17.4
INDIANA <u>19/</u>	14.03	13.95	17/ 13.48	17/ 13.59	12.63									17.4
CHICAGO REGIONAL <u>20/</u>	13.76	13.68	13.00	12.95	12.63									17.4
CENTRAL ILLINOIS <u>21/</u>	13.89	13.81	13.37	13.34	12.63									17.4
SOUTHERN ILLINOIS <u>22/</u>	14.03	13.95	13.74	13.65	12.63									17.4
LOUISVILLE--LEXINGTON--EVANSVILLE	14.20	14.12	13.62	14.02	12.63									17.4
REGIONAL AVERAGE	14.06	13.98	13.23	13.27										17.3
WEST NORTH CENTRAL														
UPPER MIDWEST <u>23/</u>	13.62	13.54	12.74	12.71	12.63									17.4
EAST. SOUTH DAKOTA <u>24/</u>	13.90	13.82	13.07	13.07	12.63									17.4
IOWA <u>25/</u>	13.90	13.82	13.10	13.06	12.63									17.4
NEBRASKA--WESTERN IOWA <u>26/</u>	14.10	14.02	17/ 13.14	17/ 13.06	12.63									17.4
GREATER KANSAS CITY <u>27/</u>	14.24	14.16	17/ 13.28	17/ 13.26	12.63									17.4
ST. LOUIS--OZARKS <u>28/</u>	14.10	14.02	17/ 13.28	17/ 13.24	12.63									17.4
REGIONAL AVERAGE	13.92	13.84	12.94	12.90										17.4

CONTINUED

See footnotes on page 24.

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, SEPTEMBER, WITH COMPARISONS 1/--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT										DIFFERENTIALS PER 0.1 PERCENT OF BUTTERFAT			
	CLASS I		BLEND 2/		CLASS		CLASS		CLASS		CLASS : CLASS : CLASS : CLASS :			
	SEP :		SEP :		SEP :		SEP :		SEP :		I : II : III : SEP			
	1983 :	1982 :	1983 :	1982 :	1983 :	1982 :	1983 :	1982 :	1983 :	1982 :	1983 :	1983 :	1983 :	1983 :
-----DOLLARS-----														
-----CENTS-----														
EAST SOUTH CENTRAL 29/														
TENNESSEE VALLEY	14.60	14.52	14.14	13.98	12.63	12.48								17.4
NASHVILLE	14.35	14.27	13.75	13.76	12.63	12.48								17.4
PADUCAH	14.20	14.12	13.99	14.31	12.63	12.48								17.4
MEMPHIS	14.44	14.36	14.06	14.01	12.63	12.48								17.4
REGIONAL AVERAGE	14.51	14.42	14.03	13.94										17.4
WEST SOUTH CENTRAL 30/														
CENTRAL ARKANSAS	14.44	14.36	14.29	14.20	12.63	12.48								17.4
SOUTHWEST PLAINS 31/	14.48	14.40	13.67	13.77	12.63	12.48								17.4
TEXAS PANHANDLE 32/	14.75	14.67	14.43	14.42	12.63	12.48								17.4
LUBBOCK-PLAINVIEW	14.92	14.84	14.91	14.68	12.63	12.48								17.4
TEXAS 33/	14.82	14.74	14.17	14.11	12.63	12.48								17.4
GREATER LOUISIANA 34/	14.97	14.89	14.69	14.55	12.63	12.48								17.4
NEW ORLEANS-MISSISSIPPI 35/	15.35	15.27	14.91	14.81	12.63	12.48								17.4
REGIONAL AVERAGE	14.82	14.74	14.20	14.18										17.4
MOUNTAIN														
EASTERN COLORADO 36/	14.80	14.72	14.25	14.09	12.63	12.48								17.4
WESTERN COLORADO 37/	14.50	14.42	14.25	13.92	12.63	12.48								17.4
SOUTHWESTERN IDAHO-EASTERN OREG 38/	14.00	13.92	12.76	12.78	12.63	12.48								17.4
GREAT BASIN 39/	14.40	14.32	13.65	13.45	12.63	12.48								17.4
LAKE MEAD 40/	14.10	14.02	13.92	13.87	12.68	12.48								17.4
CENTRAL ARIZONA 41/	15.02	14.94	14.25	14.04	12.63	12.48								17.4
RIO GRANDE VALLEY 42/	14.85	14.77	14.24	13.98	12.63	12.48								17.4
REGIONAL AVERAGE	14.71	14.63	13.89	13.75										17.4
PACIFIC														
PUGET SOUND 43/	14.35	14.27	13.11	13.10	12.78	12.48								17.4
INLAND EMPIRE 44/	14.45	14.37	13.50	13.42	12.78	12.48								17.6
OREGON-WASHINGTON 45/	14.45	14.37	13.48	13.41	12.78	12.48								17.5
REGIONAL AVERAGE	14.41	14.33	13.30	13.26										17.4
43-MARKET AVERAGE 12/ 46/	14.64	14.56	13.67	13.65	47/12.61	12.48								17.3
ALL-MARKET AVERAGE 46/	14.64	14.56	13.68	13.65	47/12.61	12.48								17.3

See footnotes on page 24.

TABLE 4--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, SEPTEMBER

FEDERAL MILK ORDER MARKETING AREA	NUMBER OF PRODUCERS			TOTAL PRODUCER DELIVERIES			BUTTERFAT CONTENT : OF PRODUCER : DELIVERIES			AVERAGE DAILY DELIVERY PER PRODUCER		
	: : :			: : :			: : :			: : :		
	SEP 1983	SEP 1982	CHANGE FROM SEP 1983	SEP 1983	SEP 1982	CHANGE FROM SEP 1983	SEP 1983	SEP 1982	CHANGE FROM SEP 1983	SEP 1983	SEP 1982	CHANGE FROM SEP 1983
	1,000 LBS.			PERCENT			PERCENT			POUNDS		
NORTH ATLANTIC												
NEW ENGLAND												
NEW YORK-NEW JERSEY	6,835	41-		440,828	420,505		3.58	3.61		2,150	2,039	
MIDDLE ATLANTIC	17,375	104-		919,951	867,061		3.54	3.57		1,765	1,654	
REGIONAL AVERAGE OR TOTAL	31,189	260-		1,850,194	1,772,466		3.55	3.57		2,338	2,278	
SOUTH ATLANTIC												
GEORGIA	1,732	20-		148,898	164,859		3.54	3.52		2,866	3,137	
ALABAMA-WEST FLORIDA	1,247	319		85,590	71,536		3.53	3.54		2,288	2,569	
UPPER FLORIDA	220	10-		52,187	53,566		3.56	3.48		7,676	7,994	
TAMPA BAY	186	3-		64,956	54,095		3.53	3.49		8,845	9,118	
SOUTHEASTERN FLORIDA	200	10-		60,552	57,684		3.54	3.45		9,641	9,265	
REGIONAL AVERAGE OR TOTAL 1/	2,338	43-		326,593	330,204		3.54	3.50				
EAST NORTH CENTRAL												
MICHIGAN UPPER PENINSULA	103	3-		3,549	3,865		3.59	3.63		1,149	1,215	
SOUTHERN MICHIGAN	6,446	25-		414,907	395,308		3.55	3.59		2,146	2,036	
EAST. OHIO-WEST. PENNSYLVANIA	6,327	35		300,571	283,285		3.60	3.57		1,584	1,501	
OHIO VALLEY	5,492	400		274,103	245,693		3.57	3.55		1,664	1,608	
INDIANA	2,744	295-		147,468	152,200		3.58	3.62		1,791	1,669	
CHICAGO REGIONAL	18,907	73		1,083,989	1,053,682		3.66	3.71		1,911	1,865	
CENTRAL ILLINOIS	256	2-		11,624	10,917		3.64	3.65		1,514	1,410	
SOUTHERN ILLINOIS	1,216	47-		63,812	63,206		3.63	3.65		1,749	1,668	
LOUISVILLE-LEXINGTON-EVANSVILLE	2,025	101		87,230	86,127		3.56	3.61		1,436	1,492	
REGIONAL AVERAGE OR TOTAL	43,516	237		2,387,253	2,294,283		3.61	3.64				
WEST NORTH CENTRAL												
UPPER MIOWEST	16,007	209		752,841	740,787		3.66	3.71		1,568	1,563	
EAST. SOUTH DAKOTA-BLACK HILLS 2/	490	102-		30,738	34,184		3.52	3.59		2,091	1,925	
IOWA	3,761	19		198,926	188,785		3.65	3.71		1,768	1,691	
NEBRASKA-WESTERN IOWA	1,942	97		122,105	110,086		3.53	3.63		2,112	2,006	
GREATER KANSAS CITY	1,325	19-		79,256	74,582		3.47	3.53		1,994	1,850	
ST. LOUIS-OZARKS	3,152	91		176,444	166,553		3.52	3.57		1,866	1,814	
REGIONAL AVERAGE OR TOTAL	26,677	295		1,360,310	1,314,977		3.61	3.67				

CONTINUED

See footnotes at end of table.

TABLE 4--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, SEPTEMBER--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	NUMBER OF PRODUCERS			TOTAL PRODUCER DELIVERIES			BUTTERFAT CONTENT : OF PRODUCER : DELIVERIES			AVERAGE DAILY DELIVERY PER PRODUCER		
	SEP 1983	FROM SEP 1982	CHANGE	SEP 1983	SEP 1982	CHANGE	SEP 1983	SEP 1982	SEP 1983	SEP 1982	SEP 1983	SEP 1982
	PERCENT			PERCENT			PERCENT			POUNDS		
	1,000 LBS.			1,000 LBS.			PERCENT			POUNDS		
EAST SOUTH CENTRAL												
TENNESSEE VALLEY	1,823	81-		109,077	110,464		3.58	3.56		1,994	1,934	
NASHVILLE	768	54-		41,189	43,999		3.52	3.60		1,788	1,784	
PADUCAH	183	36		9,595	7,805		3.55	3.62		1,748	1,770	
MEMPHIS	477	6-		20,504	18,421		3.52	3.53		2,323	2,385	
REGIONAL AVERAGE OR TOTAL	3,251	105-		180,365	181,189		3.56	3.57				
WEST SOUTH CENTRAL												
CENTRAL ARKANSAS--FT. SMITH ^{3/}	988	105		39,259	38,695		3.44	3.46		1,908	1,837	
SOUTHWEST PLAINS ^{4/}	2,117	220		133,798	111,369		3.48	3.50		2,242	2,194	
TEXAS PANHANDLE	67	65-		7,784	8,607		3.43	3.55		10,692	4,896	
LUBBOCK--PLAINVIEW	34	5		5,934	5,772		3.54	3.51		7,569	7,820	
TEXAS	3,249	324-		358,505	347,817		3.47	3.48		3,678	3,245	
GREATER LOUISIANA	680	57-		43,613	45,222		3.62	3.60		2,138	2,045	
NEW ORLEANS--MISSISSIPPI	1,369	9-		70,981	75,576		3.63	3.59		1,728	1,828	
REGIONAL AVERAGE OR TOTAL	8,504	125-		659,874	633,058		3.50	3.51				
MOUNTAIN												
EASTERN COLORADO	727	49-		77,301	75,536		3.49	3.56		3,544	3,245	
WESTERN COLORADO	45	25-		9,213	9,264		3.38	3.43		6,825	4,411	
SOUTHWESTERN IDAHO--EASTERN OREGON	363	10		53,380	42,951		3.56	3.56		4,902	4,056	
GREAT BASIN	635	38-		76,798	80,430		3.46	3.47		4,031	3,984	
LAKE MEAD	48	13		13,437	10,597		3.19	3.31		14,326	10,093	
CENTRAL ARIZONA	165	6-		85,956	87,802		3.54	3.57		17,824	18,114	
RIO GRANDE VALLEY	115	13-		44,104	46,832		3.39	3.44		14,790	14,949	
REGIONAL AVERAGE OR TOTAL	2,098	108-		360,189	353,412		3.48	3.52				
PACIFIC												
PUGET SOUND	1,155	7-		189,823	178,373		3.64	3.65		5,478	5,117	
INLAND EMPIRE	320	17-		41,798	39,505		3.56	3.57		4,354	3,908	
OREGON--WASHINGTON	960	23		144,629	138,483		3.70	3.72		5,022	4,926	
REGIONAL AVERAGE OR TOTAL	2,435	1-		376,250	356,361		3.65	3.67				
45-MARKET AVERAGE ^{1/}	120,008	110-		7,501,028	7,235,950		3.58	3.60		2,083	2,008	
ALL-MARKET AVERAGE OR TOTAL	121,255	209		7,586,618	7,307,486		3.58	3.60		2,086	2,012	

^{1/} Based on markets where orders were effective entire period, 1982-83, and which had no significant marketing area changes; excludes Alabama-West Florida.

^{2/} The data for Eastern South Dakota and Black Hills have been combined in order to mask restricted data.

^{3/} The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

^{4/} The data for 1982 are the summation of the data for the four merged markets. See "Major Order Actions" in FMOS-277.

TABLE 5---PRODUCER DELIVERIES OF MILK USED IN CLASS I, CLASS I UTILIZATION, AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, SEPTEMBER, WITH COMPARISONS

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				CLASS I UTILIZATION				GROSS CLASS I USE			
	SEP 1983	SEP 1982	CHANGE FROM	SEP 1982	SEP 1983	SEP 1982	SEP 1983	SEP 1982	SEP 1983	SEP 1982	SEP 1982	
	1,000 POUNDS	PERCENT	PERCENT	1,000 POUNDS	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT		
NORTH ATLANTIC												
NEW ENGLAND	244,351	232,863	4.9	55.4	55.4	245,566	4.8					
NEW YORK-NEW JERSEY	382,474	376,232	1.7	41.6	43.4	382,474	1.7					
MIDDLE ATLANTIC	251,989	238,721	5.6	51.5	49.2	267,114	5.5					
REGIONAL AVERAGE OR TOTAL	878,814	847,816	3.7	47.5	47.8							
SOUTH ATLANTIC												
GEORGIA	125,185	135,471	7.6-	84.1	82.2	129,014	5.5-					
ALABAMA-WEST FLORIDA	74,709	64,320	16.2	87.3	89.9	80,441	6.5					
UPPER FLORIDA	47,706	48,735	2.1-	91.4	91.0	56,007	2.0-					
TAMPA BAY	60,129	48,355	24.3	92.6	89.4	71,559	14.1					
SOUTHEASTERN FLORIDA	56,260	52,247	7.7	92.9	90.6	61,636	2.5					
REGIONAL AVERAGE OR TOTAL 1/	289,280	284,808	1.6	88.6	86.3							
EAST NORTH CENTRAL												
MICHIGAN UPPER PENINSULA	1,876	1,783	5.2	52.9	46.1	2,100	7.8					
SOUTHERN MICHIGAN	179,346	166,282	7.9	43.2	42.1	179,366	7.8					
EAST - OHIO-WEST - PENNSYLVANIA	170,125	167,216	1.7	56.6	59.0	170,129	1.7					
OHIO VALLEY	152,802	149,548	2.2	55.7	60.9	156,459	3.0					
INDIANA	99,322	99,977	.7-	67.4	65.7	104,439	2.3					
CHICAGO REGIONAL	254,527	247,920	2.7	23.5	23.5	254,915	2.6					
CENTRAL ILLINOIS	7,190	6,932	3.7	61.9	63.5	7,773	8.3					
SOUTHERN ILLINOIS	47,583	45,518	4.5	74.6	72.0	50,563	8.0					
LOUISVILLE-LEXINGTON-EVANSVILLE	56,367	54,702	3.0	64.6	63.5	57,237	2.6					
REGIONAL AVERAGE OR TOTAL	969,138	939,878	3.1	40.6	41.0							
WEST NORTH CENTRAL												
UPPER MIDWEST	127,193	123,329	3.1	16.9	16.6	127,408	3.3					
EAST - SOUTH DAKOTA-BLACK HILLS 2/	12,387	14,877	16.7-	40.3	43.5	12,461	16.5-					
IOWA	66,854	62,000	7.8	33.6	32.8	67,009	7.9					
NEBRASKA-WESTERN IOWA	50,331	43,708	15.2	41.2	39.7	50,802	14.8					
GREATER KANSAS CITY	37,510	37,179	.9	47.3	49.8	38,033	0					
ST. LOUIS-OZARKS	96,887	94,040	3.0	54.9	56.5	102,478	1.7					
REGIONAL AVERAGE OR TOTAL	391,162	375,133	4.3	28.8	28.5							

CONTINUED

See footnotes at end of table.

TABLE 5--PRODUCER DELIVERIES OF MILK USED IN CLASS I, CLASS I UTILIZATION, AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, SEPTEMBER, WITH COMPARISONS--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION			GROSS CLASS I USE		
	SEP 1983	SEP 1982	CHANGE FROM SEP 1982	SEP 1983	SEP 1982	CHANGE FROM SEP 1982	SEP 1983	SEP 1982	CHANGE FROM SEP 1982
	1,000 POUNDS	PERCENT	PERCENT	1,000 POUNDS	PERCENT	PERCENT	1,000 POUNDS	PERCENT	PERCENT
EAST SOUTH CENTRAL									
TENNESSEE VALLEY	83,643	79,015	5.9	76.7	71.5		84,399		5.9
NASHVILLE	26,293	29,653	11.3-	63.8	67.4		31,459		2
PADUCAH	8,465	6,536	29.5	88.2	83.7		8,865		35.6
MEMPHIS	16,184	15,096	7.2	78.9	79.8		17,494		3.4-
REGIONAL AVERAGE OR TOTAL	134,585	130,300	3.3	74.6	71.9				
WEST SOUTH CENTRAL									
CENTRAL ARKANSAS-FT. SMITH ^{3/}	35,992	34,618	4.0	91.7	89.5		36,509		4.3
SOUTHWEST PLAINS ^{4/}	70,822	72,443	2.2-	52.9	65.0		71,092		3.0-
TEXAS PANHANDLE	6,591	7,609	13.4-	84.7	88.4		6,591		13.4-
LUBBOCK-PLAINVIEW	5,632	5,358	5.1	94.9	92.8		5,632		5.1
TEXAS	253,339	246,558	2.8	70.7	70.9		253,826		2.9
GREATER LOUISIANA	38,409	39,291	2.2-	88.1	86.9		41,487		1.9
NEW ORLEANS-MISSISSIPPI	57,686	60,840	5.2-	81.3	80.5		60,747		2.9-
REGIONAL AVERAGE OR TOTAL	468,471	466,717	.4	71.0	73.7				
MOUNTAIN									
EASTERN COLORADO	55,715	54,574	2.1	72.1	72.2		56,024		4.6-
WESTERN COLORADO	7,040	6,915	1.8	76.4	74.6		7,153		3.0-
SOUTHWESTERN IDAHO-EASTERN OREGON	9,557	8,919	7.2	17.9	20.8		9,557		7.2
GREAT BASIN	44,313	42,091	5.3	57.7	52.3		44,451		1.0
LAKE HEAD	10,001	9,047	10.5	74.4	85.4		10,176		9.8
CENTRAL ARIZONA	58,834	55,322	6.3	68.4	63.0		58,913		6.4
RIO GRANDE VALLEY	31,809	29,993	6.1	72.1	64.0		31,872		6.2
REGIONAL AVERAGE OR TOTAL	217,269	206,861	5.0	60.3	58.5				
PACIFIC									
PUGET SOUND	61,184	59,817	2.3	32.2	33.5		64,457		2.0
INLAND EMPIRE	18,378	17,935	2.5	44.0	45.4		18,620		2.2
OREGON-WASHINGTON	70,976	69,411	2.3	49.1	50.1		75,617		1.6
REGIONAL AVERAGE OR TOTAL	150,538	147,163	2.3	40.0	41.3				
45-MARKET AVERAGE OR TOTAL ^{1/}	3,499,257	3,398,676	3.0	46.7	47.0				
ALL-MARKET AVERAGE OR TOTAL	3,573,966	3,462,996	3.2	47.1	47.4				

^{1/} Based on markets where orders were effective entire period, 1982-83, and which had no significant marketing area changes; excludes Alabama-West Florida.

^{2/} The data for Eastern South Dakota and Black Hills have been combined in order to mask restricted data.

^{3/} The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

^{4/} The data for 1982 are the summation of the data for the four merged markets. See "Major Order Actions" in FMOS-277.

TABLE 6--PRODUCER DELIVERIES OF MILK USED IN CLASS II AND CLASS II UTILIZATION FOR HANDLERS REGULATED UNDER FEDERAL ORDERS BY MARKETING AREA, SEPTEMBER AND YEAR TO DATE 1/

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS II			CLASS II UTILIZATION			PRODUCER DELIVERIES USED IN CLASS II			CLASS II UTILIZATION		
	SEP.	SEP.	SEP.	SEP.	SEP.	SEP.	YEAR TO	YEAR TO	YEAR TO	YEAR TO	YEAR TO	YEAR TO
	1983	1982	1981	1983	1982	1981	DATE 1983	DATE 1982	DATE 1981	DATE 1983	DATE 1982	DATE 1981
	1,000 POUNDS			PERCENT			1,000 POUNDS			PERCENT		
SOUTH ATLANTIC												
GEORGIA	13,034	12,837		8.8	7.8		143,586	112,092		9.4	7.7	
ALABAMA-WEST FLORIDA	3,415	3,764		4.0	5.3		34,681	2/ 19,870		4.7	5.0	
EAST NORTH CENTRAL												
SOUTHERN MICHIGAN	26,685	22,895		6.4	5.8		233,762	201,783		6.3	5.7	
EAST. OHIO-WEST. PENNSYLVANIA	19,781	20,385		6.6	7.2		189,917	193,182		6.7	7.3	
OHIO VALLEY	33,916	21,426		12.4	8.7		279,496	192,248		10.9	8.2	
INDIANA	25,848	22,829		17.5	15.0		209,919	181,609		15.4	13.5	
CHICAGO REGIONAL	92,284	95,145		8.5	9.0		850,373	847,395		8.2	8.4	
CENTRAL ILLINOIS	359	275		3.1	2.5		4,012	3,762		4.0	3.5	
SOUTHERN ILLINOIS	8,122	6,459		12.7	10.2		86,619	99,666		13.0	14.9	
LOUISVILLE-LEXINGTON-EVANSVILLE	10,469	8,491		12.0	9.9		90,955	78,548		10.1	9.1	
WEST NORTH CENTRAL												
UPPER MIDWEST	24,594	26,016		3.3	3.5		226,569	212,470		2.9	2.9	
EAST. SOUTH DAKOTA	1,290	2,184		4.2	6.4		16,570	21,144		5.1	6.6	
IOWA	10,778	9,976		5.4	5.3		88,535	94,407		4.6	5.1	
NEBRASKA-WESTERN IOWA	11,133	10,006		9.1	9.1		101,093	95,243		9.1	9.2	
GREATER KANSAS CITY	14,926	19,166		18.8	25.7		137,679	190,534		18.9	27.0	
ST. LOUIS-OZARKS	29,226	27,750		16.6	16.7		235,506	226,779		14.2	14.2	
EAST SOUTH CENTRAL												
TENNESSEE VALLEY	9,708	7,880		8.9	7.1		89,737	81,251		9.0	7.8	
NASHVILLE	5,848	2,057		14.2	4.8		48,028	30,489		11.8	7.2	
PADUCAH	657	671		6.8	8.6		5,678	3,156		6.7	4.8	
MEMPHIS	3,089	3,096		15.1	16.4		26,550	28,165		13.7	13.1	

CONTINUED

See footnotes at end of table.

TABLE 6--PRODUCER DELIVERIES OF MILK USED IN CLASS II AND CLASS II UTILIZATION FOR HANDLERS REGULATED UNDER FEDERAL ORDERS BY MARKETING AREA, SEPTEMBER AND YEAR TO DATE 1/--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES :			CLASS II :			PRODUCER DELIVERIES :			CLASS II :		
	USED IN CLASS II :			UTILIZATION :			USED IN CLASS II :			UTILIZATION :		
	SEP. :	1982 :	1,000 POUNDS :	SEP. :	1983 :	PERCENT :	SEP. :	1982 :	1,000 POUNDS :	SEP. :	1983 :	PERCENT :
WEST SOUTH CENTRAL												
CENTRAL ARKANSAS--FT. SMITH ^{3/}	2,137	1,887		5.4	4.9		19,204	17,574		5.4	4.9	
SOUTHWEST PLAINS ^{4/}	15,336	14,836		11.5	13.3		135,907	119,382		11.3	10.9	
TEXAS PANHANDLE	1,058	858		13.6	10.0		10,020	9,821		13.5	11.1	
LUBBOCK--PLAINVIEW	278	328		4.7	5.7		3,050	2,437		5.3	4.6	
TEXAS	43,795	44,354		12.2	12.8		442,444	362,471		12.9	11.7	
GREATER LOUISIANA	2,179	3,770		5.0	8.3		20,890	23,549		5.0	5.7	
NEW ORLEANS--MISSISSIPPI	6,206	6,747		8.7	8.9		106,505	115,707		12.6	13.2	
MOUNTAIN												
EASTERN COLORADO ^{5/}	13,439	7,471		17.4	9.9		122,821	71,111		17.4	10.1	
WESTERN COLORADO ^{5/}	272	0		3.0	0		3,135	0		3.8	0	
SOUTHWESTERN IDAHO--EASTERN OREGON	2,271	2,082		4.3	4.8		20,932	20,233		4.2	4.7	
GREAT BASIN ^{5/} ^{6/}	7,129			9.3			69,680			9.6		
CENTRAL ARIZONA	10,928	10,465		12.7	11.9		93,731	93,821		10.4	10.9	
RIO GRANDE VALLEY	6,425	6,410		14.6	13.7		72,833	73,735		15.8	18.1	
PACIFIC												
PUGET SOUND	14,420	14,983		7.6	8.4		147,047	136,954		8.4	8.6	
INLAND EMPIRE	2,457	2,332		5.9	5.9		21,732	25,832		5.8	7.5	
OREGON--WASHINGTON	15,603	16,170		10.8	11.7		154,518	152,649		11.7	12.1	

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped. Also excludes Lake Mead for which the data were restricted. Otherwise, all orders which have three classes of utilization are shown.

2/ Data for 1982 are for May through September only.

3/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

4/ The data for 1982 are the summation of the data for the four merged markets. See "Major Order Actions" in FMOS-277.

5/ As a result of an amendment to the classification provision for Class II milk, the data for 1983 are not comparable to 1982.

6/ The data for 1982 were restricted.

TABLE 7--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY-SEPTEMBER, WITH COMPARISONS

FEDERAL MILK ORDER MARKETING AREA	TOTAL PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION		
	:			:			:		
	1983	1982	CHANGE	1983	1982	CHANGE	1983	1982	CHANGE
			PERCENT			PERCENT	FROM	FROM	FROM
			PERCENT			PERCENT	1982	1982	1982
	1,000 POUNDS	1,000 POUNDS		1,000 POUNDS	1,000 POUNDS				
NORTH ATLANTIC									
NEW ENGLAND	4,120,367	3,944,731	4.5	2,062,309	2,044,761	.9	50.1	51.8	
NEW YORK-NEW JERSEY	8,856,156	8,425,174	5.1	3,298,412	3,361,406	1.9-	37.2	39.9	
MIDDLE ATLANTIC	4,628,769	4,532,801	2.1	2,143,643	2,056,017	4.3	46.3	45.4	
REGIONAL AVERAGE OR TOTAL	17,605,292	16,902,706	4.2	7,504,364	7,462,184	.6	42.6	44.1	
SOUTH ATLANTIC									
GEORGIA	1,520,631	1,453,695	4.6	1,123,179	1,081,601	3.8	73.9	74.4	
ALABAMA-WEST FLORIDA 1/	741,820	399,714	85.6	623,587	333,753	86.8	84.1	83.5	
UPPER FLORIDA	489,313	436,215	12.2	429,600	380,722	12.8	87.8	87.3	
TAMPA BAY	696,672	696,265	.1	599,649	605,663	1.0-	86.1	87.0	
SOUTHEASTERN FLORIDA	595,496	589,761	1.0	524,264	524,747	.1-	88.0	89.0	
REGIONAL AVERAGE OR TOTAL 2/	3,302,112	3,175,936	4.0	2,676,692	2,592,733	3.2	81.1	81.6	
EAST NORTH CENTRAL									
MICHIGAN UPPER PENINSULA	33,985	34,114	.4-	16,376	17,819	8.1-	48.2	52.2	
SOUTHERN MICHIGAN	3,717,742	3,548,391	4.8	1,473,719	1,483,834	.7-	39.6	41.8	
EAST - OHIO-WEST - PENNSYLVANIA	2,840,703	2,629,370	8.0	1,446,450	1,431,956	1.0	50.9	54.5	
OHIO VALLEY	2,557,122	2,336,752	9.4	1,276,188	1,331,668	4.2-	49.9	57.0	
INDIANA	1,367,261	1,346,951	1.5	844,856	853,702	1.0-	61.8	63.4	
CHICAGO REGIONAL	10,334,997	10,045,266	2.9	2,146,647	2,170,649	1.1-	20.8	21.6	
CENTRAL ILLINOIS	99,935	107,373	6.9-	61,146	64,592	5.3-	61.2	60.2	
SOUTHERN ILLINOIS	667,108	670,922	.6-	394,212	387,632	1.7	59.1	57.8	
LOUISVILLE-LEXINGTON-EVANSVILLE	901,002	861,660	4.6	499,022	478,712	4.2	55.4	55.6	
REGIONAL AVERAGE OR TOTAL	22,519,855	21,580,799	4.4	8,158,616	8,220,564	.8-	36.2	38.1	
WEST NORTH CENTRAL									
UPPER MIDWEST	7,776,443	7,411,314	4.9	1,064,412	1,071,293	.6-	13.7	14.5	
EAST - SOUTH DAKOTA-BLACK HILLS 3/	327,165	320,790	2.0	116,476	129,103	9.8-	35.6	40.2	
IOWA	1,906,616	1,844,029	3.4	534,782	533,180	.3	28.0	28.9	
NEBRASKA-WESTERN IOWA	1,105,675	1,032,376	7.1	403,144	386,749	4.2	36.5	37.5	
GREATER KANSAS CITY	728,359	706,733	3.1	334,580	319,097	4.9	45.9	45.2	
ST. LOUIS-OZARKS	1,558,835	1,593,729	4.1	820,310	825,660	.6-	49.5	51.8	
REGIONAL AVERAGE OR TOTAL	13,503,093	12,908,971	4.6	3,273,704	3,265,082	.3	24.2	25.3	

CONTINUED

See footnotes at end of table.

TABLE 7--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY-SEPTEMBER, WITH COMPARISONS--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	TOTAL PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION		
	:			:			:		
	1983	1982	CHANGE	1983	1982	CHANGE	1983	1982	FROM
									1982
	1,000 POUNDS			1,000 POUNDS			PERCENT		
EAST SOUTH CENTRAL									
TENNESSEE VALLEY	996,589	1,041,496	4.3-	652,321	675,728	3.5-	65.5	64.9	
NASHVILLE	408,179	422,391	3.4-	212,412	232,016	8.4-	52.0	54.9	
PADUCAH	84,315	65,313	29.1	65,303	54,259	20.4	77.5	83.1	
MEMPHIS	194,366	214,644	9.4-	138,339	164,355	15.8-	71.2	76.6	
REGIONAL AVERAGE OR TOTAL	1,683,449	1,743,844	3.5-	1,068,375	1,126,358	5.1-	63.5	64.6	
WEST SOUTH CENTRAL									
CENTRAL ARKANSAS-Ft. SMITH ^{4/}	354,052	360,690	1.8-	304,146	290,057	4.9	85.9	80.4	
SOUTHWEST PLAINS ^{5/}	1,202,233	1,090,914	10.2	619,286	634,610	2.4-	51.5	58.2	
TEXAS PANHANDLE	74,384	88,754	16.2-	58,635	67,366	13.0-	78.8	75.9	
LUBBOCK-PLAINVIEW	57,035	53,089	7.4	45,685	45,230	1.0	80.1	85.2	
TEXAS	3,427,120	3,095,746	10.7	2,146,397	2,150,876	.2-	62.6	69.5	
GREATER LOUISIANA	414,583	416,153	.4-	333,798	346,730	3.7-	80.5	83.3	
NEW ORLEANS-MISSISSIPPI	845,221	877,931	3.7-	512,077	557,462	8.1-	60.6	63.5	
REGIONAL AVERAGE OR TOTAL	6,374,628	5,983,277	6.5	4,020,024	4,092,331	1.8-	63.1	68.4	
MOUNTAIN									
EASTERN COLORADO	704,190	706,952	.4-	478,044	476,903	.2	67.9	67.5	
WESTERN COLORADO	82,806	77,524	6.8	58,471	63,140	7.4-	70.6	81.4	
SOUTHWESTERN IDAHO-EASTERN OREGON	497,696	429,677	15.8	78,142	76,816	1.7	15.7	17.9	
GREAT BASIN	725,012	726,569	.2-	364,997	365,287	.1-	50.3	50.3	
LAKE HEAD	122,062	109,996	11.0	84,150	80,848	4.1	68.9	73.5	
CENTRAL ARIZONA	905,295	862,380	5.0	489,849	487,006	.6	54.1	56.5	
RIO GRANDE VALLEY	460,326	406,594	13.2	272,525	263,322	3.5	59.2	64.8	
REGIONAL AVERAGE OR TOTAL	3,497,387	3,319,692	5.4	1,826,178	1,813,322	.7	52.2	54.6	
PACIFIC									
PUGET SOUND	1,741,877	1,594,758	9.2	528,968	558,967	5.4-	30.4	35.1	
INLAND EMPIRE	376,622	346,490	8.7	153,770	133,156	15.5	40.8	38.4	
OREGON-WASHINGTON	1,323,826	1,260,661	5.0	603,149	586,418	2.9	45.6	46.5	
REGIONAL AVERAGE OR TOTAL	3,442,325	3,201,909	7.5	1,285,887	1,278,541	.6	37.4	39.9	
45-MARKET AVERAGE OR TOTAL ^{2/}	71,928,141	68,817,134	4.5	29,813,840	29,851,115	.1-	41.4	43.4	
ALL MARKET AVERAGE OR TOTAL	72,669,961	69,216,848	5.0	30,437,427	30,184,868	.8	41.9	43.6	

1/ Data for 1982 are for May through September only.

2/ Based on markets where orders were effective entire period, 1982-83, and which had no significant marketing area changes; excludes Alabama-West Florida.

3/ The data for Eastern South Dakota and Black Hills have been combined in order to mask restricted data.

4/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

5/ The data for 1982 are the summation of the data for the four merged markets. See "Major Order Actions" in FMOS-277.

TABLE 8--WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, AUGUST 1983 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL FLUID MILK ITEMS			
	AUGUST 1983		CHANGE 1983 FROM 1982		AUGUST 1983		CHANGE 1983 FROM 1982		AUGUST 1983		CHANGE 1983 FROM 1982	
	SALES	BUTTER-FAT CONTENT	AUG	YEAR TO DATE	SALES	BUTTER-FAT CONTENT	AUG	YEAR TO DATE	SALES	BUTTER-FAT CONTENT	AUG	YEAR TO DATE
	MIL. LB.	PERCENT			MIL. LB.	PERCENT			MIL. LB.	PERCENT		
NEW ENGLAND	158.6	3.29	1.1	- 3.1	63.4	1.08	8.4	3.1	222.0	2.66	3.1	- 1.4
NEW ENGLAND	158.6	3.29	1.1	- 3.1	63.4	1.08	8.4	3.1	222.0	2.66	3.1	- 1.4
MIDDLE ATLANTIC	149.9	3.27	3.6	- 1.5	73.5	1.43	8.6	3.4	223.4	2.66	5.1	.2
MIDDLE ATLANTIC	149.9	3.27	3.6	- 1.5	73.5	1.43	8.6	3.4	223.4	2.66	5.1	.2
SOUTH ATLANTIC	175.6	3.29	6.2	1.3	81.6	1.19	7.4	4.4	257.2	2.62	6.5	2.4
TAMPA BAY	33.0	3.28	5.9	2.0	17.1	1.10	10.8	5.0	50.1	2.53	7.5	3.0
SOUTHEASTERN FLORIDA	44.2	3.33	3.5	- .5	18.0	1.28	1.3	2.6	62.2	2.74	2.9	.4
UPPER FLORIDA	40.3	3.29	7.5	2.3	18.5	1.11	11.3	8.3	58.8	2.60	8.7	4.2
GEORGIA	58.0	3.26	7.5	1.8	28.1	1.25	7.0	2.9	86.1	2.61	7.3	2.2
EAST NORTH CENTRAL	420.6	3.23	- 1.2	- 6.1	482.9	1.69	7.6	2.5	903.5	2.41	3.4	- 1.7
EASTERN GROUP												
SOUTHERN MICHIGAN	90.6	3.25	.0	- 5.4	67.2	1.19	8.3	1.1	157.9	2.37	3.4	- 2.7
E. OHIO - W. PA.	87.5	3.23	- 2.6	- 5.9	69.3	1.77	7.6	5.9	156.8	2.59	1.7	- .9
OHIO VALLEY	69.3	3.25	- .7	- 6.7	79.5	1.78	3.5	- .2	148.8	2.46	1.5	- 3.2
WESTERN GROUP												
MICH. UPPER PENINSULA	2.8	3.46	- 2.4	- 5.3	5.1	1.85	3.3	.6	7.9	2.41	1.2	- 1.4
CHICAGO REGIONAL	86.9	3.26	- 1.7	- 7.5	137.1	1.73	9.9	4.0	224.0	2.33	5.1	- .8
LOUIS. - LEX. - EVANS	23.8	3.27	- .2	- 4.5	29.1	1.79	6.9	1.2	53.0	2.46	3.6	- 1.4
INDIANA	37.4	2.98	.1	- 5.6	60.2	1.82	8.9	2.7	97.6	2.26	5.3	- .5
SOUTHERN ILLINOIS	15.9	3.25	- 1.3	- 5.7	23.7	1.80	7.2	- .5	39.6	2.38	3.6	- 2.6
CENTRAL ILLINOIS	6.4	3.23	- 4.0	- 5.6	11.6	1.80	6.4	.5	18.0	2.30	2.4	- 1.8
WEST NORTH CENTRAL	98.6	3.26	- 1.7	- 5.6	212.7	1.59	6.4	1.0	311.3	2.12	3.7	- 1.2
NORTHERN GROUP												
UPPER MIDWEST	22.8	3.27	.8	- 7.0	89.9	1.53	5.1	- .6	112.7	1.88	4.2	- 1.9
EASTERN SOUTH DAKOTA	1.8	3.16	- 5.3	- 9.1	6.1	1.63	.2	- 3.3	8.0	1.99	1.4	- 4.7
BLACK HILLS	1.2	3.31	3.2	- 4.5	1.6	1.75	4.6	- 3.9	2.8	2.41	4.0	- 4.1
IOWA	14.9	3.30	- .5	- 7.7	39.4	1.70	12.4	1.5	54.3	2.14	8.5	- 1.2
NEBRASKA - WESTERN IOWA	14.7	3.26	- 4.0	- 7.6	24.3	1.61	6.6	3.9	38.9	2.23	2.4	- .7

CONTINUED

TABLE 8--WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, AUGUST 1983 WITH COMPARISONS 1/-CONTINUED

MARKETING AREA	WHOLE MILK ITEMS 2/					LOWFAT AND SKIM MILK ITEMS 3/					TOTAL FLUID MILK ITEMS				
	AUGUST 1983		CHANGE 1983 FROM 1982			AUGUST 1983		CHANGE 1983 FROM 1982			AUGUST 1983		CHANGE 1983 FROM 1982		
	SALES	BUTTER-FAT CONTENT	AUG	YEAR TO DATE	PERCENT	SALES	BUTTER-FAT CONTENT	AUG	YEAR TO DATE	PERCENT	SALES	BUTTER-FAT CONTENT	AUG	YEAR TO DATE	PERCENT
WEST NORTH CENTRAL--CON.															
SOUTHERN GROUP															
ST. LOUIS - UZARKS	24.3	3.25	- 1.2	- .1		29.0	1.63	6.4	2.8		53.3	2.37	2.8	1.6	
GREATER KANSAS CITY	18.9	3.26	- 4.3	- 7.0		22.4	1.58	3.9	2.3		41.3	2.35	.0	- 2.1	
EAST SOUTH CENTRAL															
PAIDUACH	66.4	3.29	1.7	- .7		49.0	1.51	5.3	1.9		115.5	2.54	3.2	.4	
NASHVILLE	4.8	3.17	.7	6.3		3.0	1.63	11.8	13.5		7.7	2.58	4.7	9.0	
MEMPHIS	17.7	3.31	2.4	- 2.2		11.9	1.48	8.3	3.3		29.6	2.57	4.7	.0	
TENNESSEE VALLEY	12.5	3.34	7.5	4.9		6.2	1.45	16.1	7.2		18.7	2.71	10.2	5.7	
	31.4	3.28	- .6	- 2.9		27.9	1.53	1.3	.8		59.3	2.46	.3	- 1.9	
WEST SOUTH CENTRAL															
	341.6	3.37	3.0	- .5		120.2	1.38	4.3	3.9		461.9	2.85	3.3	.7	
NORTHERN GROUP															
CENTRAL ARKANSAS	14.1	3.32	2.9	- 3.0		7.4	1.52	4.1	2.6		21.5	2.70	3.3	- 1.0	
FORT SMITH	1.3	3.28	22.5	- 4.8		.7	1.52	- 1.5	- 5.5		2.0	2.69	13.3	- 5.0	
SOUTHWEST PLAINS	56.6	3.29	1.0	1.0		24.8	1.46	- 7.3	.3		81.4	2.75	- 1.6	.6	
TEXAS PANHANDLE	5.6	3.28	- 11.3	- 13.7		1.4	1.46	- 7.3	- 9.4		7.0	2.92	- 10.5	- 12.8	
LUBBOCK - PLAINVIEW	5.2	3.30	11.6	.8		1.5	1.28	8.1	.4		6.7	2.85	10.8	.7	
SOUTHERN GROUP															
GREATER LOUISIANA	37.5	3.52	1.2	- 4.4		11.0	1.49	10.2	2.4		48.6	3.06	3.1	- 2.8	
NEW ORLEANS - MISS.	44.6	3.52	- .5	.5		14.0	1.29	5.5	4.5		58.6	2.99	.9	1.5	
TEXAS	176.8	3.33	5.1	.3		59.3	1.29	8.8	6.7		236.0	2.82	6.0	1.9	
MOUNTAIN															
	108.3	3.37	1.6	- 2.6		103.6	1.72	9.6	3.9		211.9	2.56	5.4	.5	
EASTERN COLORADO															
GREAT BASIN	25.0	3.26	4.4	- 1.4		26.5	1.69	6.2	.8		51.6	2.45	5.3	- .3	
WESTERN COLORADO	14.8	3.17	- 2.5	- 3.6		26.7	1.80	8.5	5.4		41.5	2.28	4.3	2.0	
CENTRAL ARIZONA	2.4	3.18	- .4	- 14.7		2.2	1.59	.5	- 7.8		4.6	2.42	.1	- 11.4	
RIO GRANDE VALLEY	28.3	3.57	.5	- 3.9		27.8	1.68	16.3	8.3		56.1	2.64	7.7	1.8	
LAKE MEAD	25.9	3.36	4.1	- 1.1		7.6	1.52	4.8	.5		33.5	2.94	4.3	- .8	
SW. IDAHO - E. OREGON	7.7	3.45	- 2.5	- 1.6		5.6	1.85	4.2	3.1		13.3	2.78	.2	.4	
	4.1	3.28	2.1	- .5		7.2	1.78	16.2	3.2		11.3	2.33	10.7	1.9	
PACIFIC															
	48.2	3.33	1.9	- 2.7		87.2	1.79	6.0	1.9		135.4	2.34	4.5	.2	
PUGET SOUND															
INLAND EMPIRE	20.7	3.31	1.3	- 3.2		34.3	1.82	5.0	.8		55.0	2.38	3.6	- .7	
OREGON - WASHINGTON	3.9	3.30	7.5	- .3		9.2	1.73	11.4	1.9		13.1	2.20	10.2	1.2	
	23.6	3.35	1.6	- 2.7		43.8	1.77	5.7	2.7		67.3	2.32	4.2	.8	
COMBINED AREAS (44)	1,567.9	3.29	1.5	- 2.8		1,274.2	1.57	7.1	2.6		2,842.1	2.52	4.0	- .4	
COMBINED AREAS ADJ. FOR CALENDAR COMPOSITION 4/	1,550.4	---	- 1.2	- 2.6		1,260.2	---	4.1	2.7		2,811.5	---	1.4	- .2	
NEW YORK - NEW JERSEY 5/	---	---	---	---		---	---	---	---		349.0	---	2.8	- .4	

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

4/ Figures adjusted to eliminate variations due to calendar composition. See special article in FMOS-268, April 1982 Summary.

5/ Estimated.

FOOTNOTES FOR TABLE 2.

1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. All averages are weighted.

2/ For those markets which have base-excess plans (see table 14) the prices represent a weighted average of the base and excess prices.

3/ Zone 1 (Boston). Prices at 201-210 mile zone: Class I and blend are 72 cents less. Class I price at Hartford is 10 cents less.

4/ New York metropolitan area. Price at 201-210 mile zone: Class I and blend, 59 cents less, Class II, 8 cents less.

5/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent direct delivery differential applicable to milk delivered to Philadelphia.

6/ See table 15 for deduction for advertising and promotion.

7/ Atlanta.

8/ Zone 2 (Birmingham).

9/ Jacksonville and Tallahassee.

10/ Miami.

11/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped.

12/ Based on markets where orders were effective entire period, 1982-83, and which had no significant marketing area changes. Excludes Alabama-West Florida.

13/ Zone 2 (Marquette).

14/ Individual handler pool. Blend prices are weighted averages of all handlers.

15/ Zone 1 (Detroit). Price excludes direct delivery differential of 10 cents applicable to milk delivered to Detroit.

16/ Zone 1 (Erie, Pa.). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus 10 cents.

17/ Ten cents for advertising and promotion has been deducted from the blend price.

18/ Central zone (Cincinnati and Columbus).

19/ Indianapolis.

20/ Zone 1 (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less.

21/ Peoria.

22/ Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) 7 cents more.

23/ Zone 1 (Minneapolis).

24/ Sioux Falls.

25/ Zone 1 (Des Moines). Class I prices at other points in the marketing area: Rock Island, Ill., minus 7 cents; Waterloo, minus 16 cents.

26/ Zone 1 (Omaha).

27/ Kansas City and Topeka.

28/ Zone 1 (St. Louis and Springfield).

29/ Bristol, Chattanooga, and Knoxville.

30/ Little Rock.

31/ Zone 1 (Oklahoma City). Prices for 1982 are weighted averages of the prices for the four merged markets. See "Major Order Actions" in FMOS-277.

32/ Amarillo.

33/ Zone 1 (Dallas). Class I price at Houston plus 36 cents.

34/ Monroe and Shreveport.

35/ Zone 1 (New Orleans).

36/ Denver.

37/ Grand Junction.

38/ Boise, Idaho.

39/ Salt Lake City, Utah.

40/ Las Vegas, Nev.

41/ Phoenix.

42/ Albuquerque, Santa Fe, and El Paso.

43/ District 1 (Seattle).

44/ Spokane, Washington.

45/ Portland.

46/ Excludes Black Hills and Fort Smith; fewer than three handlers. Black Hills prices: Class I 1983, \$14.45 and 1982, \$14.37; Blend 1983, \$13.47 and 1982, \$13.75; Class II 1983, \$12.48. Producer differential 1983, 17.1¢, Class I differential, 1983, 17.7¢, and Class II differential, 1983, 16.6¢. Fort Smith prices: Class I 1983, \$14.45 and 1982, \$14.37; Blend 1983, \$14.31 and 1982, \$14.26; Class II 1983, \$12.63; Class III 1983, \$12.48. Producer differential 1983, 17.4¢.

47/ A weighted average price for milk in excess of Class I needs calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs) would be \$12.53.

TABLE 9---PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN SELECTED MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1983 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	MIL.-LB.		PERCENT		MIL.-LB.		PERCENT		MIL.-LB.		PERCENT	
FLUID WHOLE MILK PRODUCTS *	1,590	3.30	- 4.0 -	4.0	1,448	3.30	- 3.7 -	3.8	1,605	3.30	- 2.8 -	3.5
WHOLE MILK	1,548	3.30	- 4.1 -	4.1	1,411	3.30	- 3.3 -	3.7	1,562	3.30	- 2.6 -	3.3
FLAVORED WHOLE MILK PRODUCTS	42	3.28	1.1	1.1	38	3.32	- 17.6 -	8.7	44	3.26	- 7.4 -	8.2
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,366	1.56	2.1	2.1	1,260	1.56	2.1	2.1	1,396	1.55	1.2	1.8
2% LOWFAT MILK - PLAIN	735	1.98	4.9	4.9	669	1.98	4.3	4.6	744	1.98	3.5	4.2
2% LOWFAT MILK - MILK SOLIDS ADDED	111	1.98	- 7.6 -	7.6	108	1.98	2.2 -	3.0	120	1.97	1.3 -	1.5
1% LOWFAT MILK - PLAIN	174	.90	3.7	3.7	161	.90	3.9	3.8	177	.91	4.1	3.9
1% LOWFAT MILK - MILK SOLIDS ADDED	51	.97	- 16.1 -	16.1	47	.94	- 18.8 -	17.4	49	.96	- 15.2 -	16.7
SKIM MILK - PLAIN	98	.26	- 3.0 -	3.0	95	.26	- 1.1 -	2.1	105	.26	- 3.4 -	2.6
SKIM MILK - MILK SOLIDS ADDED	36	.34	- 11.6 -	11.6	30	.33	- 11.4 -	11.5	39	.34	- 2.5 -	8.4
FLAVORED LOWFAT AND SKIM MILK PRODS BUTTERMILK	108	1.44	11.8	11.8	99	1.44	3.2	7.5	107	1.43	- 5.1	2.9
	53	1.05	5.2	5.2	50	1.05	4.9	5.1	56	1.04	5.3	5.1
TOTAL FLUID MILK PRODUCTS	2,956	2.50	- 1.3 -	1.3	2,708	2.49	- 1.1 -	1.2	3,002	2.49	- .9 -	1.1
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 2/	3,003	2.50	- 1.1 -	1.1	2,708	2.49	- 1.0 -	1.1	2,989	2.49	- .3 -	.8
PRODUCT NAME	APRIL				MAY				JUNE			
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
FLUID WHOLE MILK PRODUCTS *	1,530	3.30	- 3.4 -	3.4	1,491	3.30	- 2.1 -	3.2	1,446	3.29	- 2.8 -	3.1
WHOLE MILK	1,488	3.30	- 3.4 -	3.3	1,448	3.30	- 2.0 -	3.1	1,413	3.29	- 2.8 -	3.0
FLAVORED WHOLE MILK PRODUCTS	42	3.27	- 1.9 -	6.7	42	3.25	- 3.6 -	6.1	33	3.31	- 2.9 -	5.7
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,353	1.56	2.9	2.1	1,306	1.55	3.9	2.4	1,171	1.55	2.0	2.4
2% LOWFAT MILK - PLAIN	734	1.98	6.8	4.9	700	1.98	8.1	5.5	651	1.98	7.6	5.8
2% LOWFAT MILK - MILK SOLIDS ADDED	102	1.97	- 11.8 -	4.1	106	1.99	- 10.2 -	5.4	96	1.99	- 17.3 -	7.4
1% LOWFAT MILK - PLAIN	166	.91	- 1.8 -	2.4	162	.90	2.9	2.5	159	.91	4.2	2.8
1% LOWFAT MILK - MILK SOLIDS ADDED	51	1.04	- 2.8 -	13.5	50	.97	- 1.1 -	11.3	46	.96	- 15.4 -	11.9
SKIM MILK - PLAIN	101	.25	- .5 -	2.0	98	.25	- .6 -	1.8	93	.25	- 1.3 -	1.3
SKIM MILK - MILK SOLIDS ADDED	39	.33	1.4	5.9	34	.32	- 5.4 -	5.8	31	.29	- 1.7 -	5.2
FLAVORED LOWFAT AND SKIM MILK PRODS BUTTERMILK	105	1.44	7.5	4.0	103	1.42	4.8	4.1	42	1.51	- 6.7	3.2
	55	1.04	5.1	5.1	54	1.02	5.2	5.1	54	1.00	4.7	5.1
TOTAL FLUID MILK PRODUCTS	2,883	2.48	- .5 -	.9	2,797	2.48	.6 -	.6	2,616	2.51	- .8 -	.6
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 2/	2,842	2.48	- .4 -	.7	2,887	2.48	.5 -	.5	2,616	2.51	- .4 -	.5

CONTINUED

TABLE 9--PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN SELECTED MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1983 TO DATE, WITH COMPARISONS 1/--CONTINUED

PRODUCT NAME	JULY				AUGUST				SEPTEMBER			
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	MIL.LB.		PERCENT		MIL.LB.		PERCENT		MIL.LB.		PERCENT	
FLUID WHOLE MILK PRODUCTS *	1,475	3.30	- 5.2 -	3.4	1,568	3.29	1.5 -	2.8				
WHOLE MILK	1,442	3.29	- 5.3 -	3.4	1,528	3.29	1.3 -	2.8				
FLAVORED WHOLE MILK PRODUCTS	33	3.34	.6 -	4.9	40	3.32	11.8 -	3.1				
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,176	1.56	- .4	2.0	1,274	1.57	7.1	2.6				
2% LOWFAT MILK - PLAIN	656	1.98	3.7	5.5	700	1.98	10.4	6.1				
2% LOWFAT MILK - MILK SOLIDS ADDED	103	1.98	- 13.5 -	8.3	118	1.98	- 1.0 -	7.3				
1% LOWFAT MILK - PLAIN	150	.91	- 7.4	1.3	160	.91	- .9	1.1				
1% LOWFAT MILK - MILK SOLIDS ADDED	47	.96	- 11.4 -	11.9	53	1.02	.7 -	10.3				
SKIM MILK - PLAIN	94	.27	- .4 -	1.2	98	.27	10.6	.2				
SKIM MILK - MILK SOLIDS ADDED	33	.33	7.9 -	3.6	34	.33	3.0 -	2.9				
FLAVORED LOWFAT AND SKIM MILK PRODS	37	1.53	11.0	3.7	55	1.51	11.8	4.3				
BUTTERMILK	55	1.01	1.1	4.5	56	1.02	10.1	5.2				
TOTAL FLUID MILK PRODUCTS	2,651	2.52	- 3.1 -	1.0	2,842	2.52	4.0 -	.4				
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 2/	2,689	2.52	0 -	.4	2,811	2.50	1.4 -	.2				

* May include small amounts of miscellaneous whole milk, and lowfat and skim milk products.

1/ See table 8 for 44 markets included. Excludes the New York-New Jersey and Alabama-West Florida.

2/ Figures are adjusted to eliminate variations due to calendar composition. See special article in FMOS-268, April 1982 Summary.

TABLE 10--PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, AUGUST 1983, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/			LOWFAT AND SKIM MILK ITEMS 4/			MILK AND CREAM MIXTURES			CREAM ITEMS 5/			TOTAL FLUID ITEMS 6/		
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982
	MIL. LB.	PERCENT		MIL. LB.	PERCENT		MIL. LB.	PERCENT		MIL. LB.	PERCENT		MIL. LB.	PERCENT	
NEW ENGLAND	159	3.31	2.7	65	1.08	9.0	4.3	10.8	16.3	5.2	22.4	16.4	236	3.25	5.0
MIDDLE ATLANTIC	156	3.26	5.2	80	1.44	11.6	1.6	10.9	2.3	1.6	22.5	16.1	243	2.84	7.5
SOUTH ATLANTIC	195	3.29	6.8	94	1.23	7.8	2.3	10.6	11.3	2.1	21.1	78.1	294	2.82	7.2
EAST NORTH CENTRAL	428	3.23	- .2	482	1.69	7.5	8.0	10.6	12.3	12.2	18.2	- 1.9	944	2.67	4.5
WEST NORTH CENTRAL	126	3.26	- 1.1	244	1.60	6.2	4.9	11.1	11.7	5.3	21.7	7.1	382	2.55	3.8
EAST SOUTH CENTRAL	70	3.29	- 2.2	48	1.49	6.1	0.4	11.3	4.9	0.7	21.2	5.9	120	2.69	- .9
WEST SOUTH CENTRAL	341	3.37	1.1	117	1.37	5.8	2.8	10.9	11.3	3.5	22.0	7.0	466	3.04	2.3
MOUNTAIN	106	3.33	3.4	103	1.71	10.0	3.0	11.0	24.6	3.8	23.7	21.6	219	3.01	7.2
PACIFIC	51	3.32	2.2	88	1.77	5.7	2.4	10.8	8.5	2.2	24.2	9.5	147	2.80	4.3
TOTAL OF REGIONS	1,633	3.29	1.8	1,321	1.57	7.4	29.9	10.8	2.4	36.6	21.0	9.4	3,049	2.82	4.6

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers.

2/ See table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey, South Atlantic excludes Alabama West Florida. These markets also are excluded from the total.

3/ Plain and flavored whole milk.

4/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

5/ Light, heavy, and sour cream, and cream dips.

6/ Includes yogurt and eggnog.

7/ Percentage changes over the previous year are based on the same number of comparable markets.

TABLE 11--PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1983 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT	
MILK AND CREAM MIXTURES	28,365	10.9	6.5	6.5	26,400	10.9	1.8	4.2	30,713	10.9	4.6	4.3
TOTAL CREAM PRODUCTS	27,496	20.6	10.0	10.0	28,739	20.8	6.9	8.4	33,951	20.9	7.6	8.1
LIGHT CREAM	3,862	17.5	15.3	15.3	3,819	17.9	14.9	15.1	4,324	17.4	2.3	10.2
HEAVY CREAM	5,207	34.6	13.4	13.4	5,652	34.0	7.3	10.1	7,168	34.2	13.4	11.4
SOUR CREAM	18,427	17.2	8.0	8.0	19,268	17.5	5.3	6.6	22,459	17.4	6.9	6.7
YOGURT	24,091	1.8	---	---	27,263	1.9	---	---	31,784	1.9	---	---
EGGNOG	900	3.3	---	---	107	8.8	---	---	712	8.0	---	---
PRODUCT NAME	APRIL				MAY				JUNE			
MILK AND CREAM MIXTURES	29,195	10.9	.6	3.4	29,800	10.9	6.6	4.0	29,464	10.9	1.0	3.5
TOTAL CREAM PRODUCTS	31,960	21.1	.9	6.1	34,578	21.1	9.1	6.7	35,595	21.1	4.0	6.2
LIGHT CREAM	4,135	17.8	8.4	9.7	4,165	17.9	9.2	9.6	4,230	17.6	.3	7.9
HEAVY CREAM	7,116	33.7	1.7	8.5	7,655	34.1	12.5	9.4	8,431	33.9	14.9	10.5
SOUR CREAM	20,708	17.4	-	4.7	22,758	17.2	7.9	5.4	22,934	17.1	1.1	4.6
YOGURT	29,635	1.9	---	---	32,861	1.9	---	---	30,419	1.9	---	---
EGGNOG	127	11.4	---	---	40	7.4	---	---	277	3.3	---	---

CONTINUED

TABLE 11--PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1983 TO DATE, WITH COMPARISONS 1/--CONTINUED

PRODUCT NAME	JULY				AUGUST				SEPTEMBER			
	SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/ YEAR		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/ YEAR		SALES	BF. CON- TENT	CHANGE 1983 FROM 1982 2/ YEAR	
			MONTH	TO DATE			MONTH	TO DATE			MONTH	TO DATE
1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT		
MILK AND CREAM MIXTURES	28,862	10.8	-	4.4	2.3	29,854	10.8	2.4	2.3			
TOTAL CREAM PRODUCTS	35,310	21.1	3.8	5.8		36,623	21.0	9.4	6.3			
LIGHT CREAM	4,054	18.8	-	3.4	6.1	4,603	19.0	3.2	5.7			
HEAVY CREAM	8,083	33.8	9.7	10.4		7,858	33.5	21.0	11.7			
SOUR CREAM	23,173	17.1	3.1	4.4		24,162	17.3	7.2	4.8			
YOGURT	25,709	1.9	---	---		28,796	1.8	---	---			
EGGNOG	33	8.2	---	---		106	13.8	---	---			

1/ Total packaged disposition in and out of the marketing area by regulated handlers. Excludes the New York-New Jersey and Alabama-West Florida markets.

2/ Percentage changes over the previous year are based on the same number of comparable markets. Figures are not shown for yogurt and eggnog due to recent changes in marketing practices which have made the figures noncomparable.

TABLE 12--MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, AUGUST 1982 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
<u>MILK, SKIM MILK, AND CREAM</u> <u>1,000 POUNDS</u>									
NEW ENGLAND AND MIDDLE ATLANTIC	8,416	143,354	62,686	40,169	136,411	57,814	1,722	31,905	482,477
SOUTH ATLANTIC	813	6,687	14,101	3,148	3	48	1,831	8,262	34,894
EAST NORTH CENTRAL	34,532	928,016	101,810	116,917	245,626	144,423	3,508	86,489	1,661,321
WEST NORTH CENTRAL	29,919	734,584	39,226	42,890	270,864	24,387	477	36,196	1,178,542
EAST SOUTH CENTRAL	299	22,433	10,096	6,160	2,894	8,347	934	6,809	57,971
WEST SOUTH CENTRAL	1,563	47,049	31,701	25,328	16,491	19,903	4,465	17,545	164,043
MOUNTAIN	3,782	82,377	22,805	26,708	44,455	418	2,142	6,381	189,068
PACIFIC	16,448	69,940	14,459	16,727	113,642	6,096	452	4,361	242,125
TOTAL OF REGIONS 5/	95,770	2,034,440	296,885	278,047	830,385	261,436	15,530	197,949	4,010,441
<u>BUTTERFAIT</u> <u>1,000 POUNDS</u>									
NEW ENGLAND AND MIDDLE ATLANTIC	3,743	5,126	8,244	692	86	883	0	1,294	20,068
SOUTH ATLANTIC	256	238	2,139	27	0	0	0	424	3,083
EAST NORTH CENTRAL	11,084	34,022	11,685	1,319	297	1,503	0	3,423	63,334
WEST NORTH CENTRAL	12,286	25,041	3,407	501	132	428	0	1,841	43,636
EAST SOUTH CENTRAL	119	778	1,508	54	3	11	0	271	2,744
WEST SOUTH CENTRAL	1,013	1,484	3,938	361	9	386	0	679	7,870
MOUNTAIN	1,437	2,932	2,008	198	21	0	0	244	6,841
PACIFIC	5,011	2,696	1,528	149	65	162	0	231	9,843
TOTAL OF REGIONS 5/	34,949	72,316	34,457	3,301	613	3,374	0	8,407	157,419

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey, South Atlantic excludes Alabama-West Florida. These markets also are excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated, frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products; dumped or spilled; and plant loss.

5/ Totals may not add due to rounding.

TABLE 13--MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, AUGUST 1983 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
MILK, SKIM MILK, AND CREAM 1,000 POUNDS									
NEW ENGLAND AND MIDDLE ATLANTIC	7,077	139,959	53,932	60,289	110,981	61,492	1,714	36,160	471,604
SOUTH ATLANTIC	462	6,228	22,169	4,414	0	44	1,838	10,453	45,608
EAST NORTH CENTRAL	56,394	965,176	108,331	118,057	262,593	139,307	4,383	84,695	1,738,935
WEST NORTH CENTRAL	28,731	749,000	43,400	47,337	289,843	25,917	752	33,211	1,218,190
EAST SOUTH CENTRAL	208	26,291	10,830	7,749	3,779	5,659	1,139	6,988	62,643
WEST SOUTH CENTRAL	1,445	88,795	36,869	23,889	9,265	19,252	4,145	17,806	201,465
MOUNTAIN	5,340	75,157	23,387	26,497	66,707	1,739	2,040	7,605	208,473
PACIFIC	23,754	78,256	16,294	18,559	115,936	6,224	427	3,985	263,435
TOTAL OF REGIONS 5/	123,411	2,128,863	315,213	306,790	859,103	259,634	16,437	200,902	4,210,353
BUTTERFAT 1,000 POUNDS									
NEW ENGLAND AND MIDDLE ATLANTIC	3,201	5,016	7,911	1,255	72	963	0	1,439	19,857
SOUTH ATLANTIC	150	335	2,851	35	0	0	0	483	3,855
EAST NORTH CENTRAL	13,561	35,414	12,678	1,518	251	1,304	0	3,413	68,138
WEST NORTH CENTRAL	12,394	26,058	3,805	596	149	301	0	1,767	45,069
EAST SOUTH CENTRAL	80	932	1,670	72	1	1	0	296	3,053
WEST SOUTH CENTRAL	952	2,912	4,095	327	36	388	0	746	9,455
MOUNTAIN	2,099	2,698	1,943	217	29	139	0	242	7,368
PACIFIC	5,275	2,894	1,529	163	114	186	0	162	10,323
TOTAL OF REGIONS 5/	37,713	76,259	36,482	4,182	651	3,282	0	8,548	167,117

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey, South Atlantic excludes Alabama-West Florida. These markets also are excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated, frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products; dumped or spilled; and plant loss.

5/ Totals may not add due to rounding.

TABLE 14--PERCENTAGE OF WHOLE MILK EQUIVALENT USED IN THE PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, IN FEDERAL ORDER MARKETS, JANUARY 1983, TO DATE, WITH COMPARISONS 1/

Manufactured dairy products	January		February		March		April		May		June	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
	<u>Percent</u>											
Butter	34.8	35.9	33.8	34.3	30.0	31.1	30.0	31.0	27.8	28.0	25.1	24.3
Cheese	44.0	43.0	43.5	42.4	45.3	43.3	46.3	44.4	46.9	46.9	47.1	46.8
Frozen desserts	12.7	12.3	14.5	14.6	15.7	16.4	14.5	15.9	16.6	16.2	19.0	19.7
Cottage cheese	2.0	1.9	1.9	2.1	2.3	2.1	2.1	2.0	2.1	2.0	2.1	1.9
All other 2/	6.5	6.9	6.3	6.6	6.7	7.1	7.1	6.7	6.6	6.9	6.7	7.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	July		August		September		October		November		December	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
	<u>Percent</u>											
Butter	23.6	23.4	22.6	22.2								
Cheese	47.6	46.7	45.6	45.9								
Frozen desserts	19.8	20.6	21.8	21.9								
Cottage cheese	2.1	1.9	2.5	2.1								
All other 2/	6.9	7.4	7.5	7.9								
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey and Alabama-West Florida.

2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and nonfat dry milk, aerated, frozen and plastic cream; and cream and cheese dips, and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

TABLE 15--FEDERAL MILK ORDER BASE AND EXCESS PRICES IN VARIOUS MARKETING AREAS, SEPTEMBER, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT			
	BASE		EXCESS	
	SEP 1983	SEP 1982	SEP 1983	SEP 1982
	DOLLARS			
MIDDLE ATLANTIC <u>2/</u>	13.96	13.87	12.42	12.40
SOUTHERN MICHIGAN	13.33	13.24	12.48	12.46
PUGET SOUND <u>3/</u>	14.19	13.98	12.48	12.46
OREGON-WASHINGTON	13.63	13.56	12.48	12.46

1/ See footnotes on page 24 for location at which price is reported.

2/ Fourteen cents has been deducted for advertising and promotion.

3/ Class I base plan.

TABLE 16--FEDERAL MILK ORDER SEASONAL INCENTIVE PAYMENT PLANS IN VARIOUS MARKETING AREAS, SEPTEMBER, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	AMOUNTS PER HUNDREDWEIGHT	
	SEP 1983	SEP 1982
	DOLLARS	
NEW ENGLAND	.42	.42
NEW YORK-NEW JERSEY	.44	.45
EAST. OHIO-WEST. PENNSYLVANIA <u>2/</u>		.27
OHIO VALLEY <u>2/</u>		.28
INDIANA <u>2/</u>		.21
LOUISVILLE-LEXINGTON-EVANSVILLE <u>3/</u>		.48
PADUCAH <u>4/</u>		.46

1/ During this month, these amounts are added to the blend price and thus repaid to producers.

2/ The seasonal incentive payment plans in these marketing areas have been suspended.

3/ The seasonal incentive payment plan in this marketing area has been replaced by a base-excess plan.

4/ The seasonal incentive payment plan in this marketing area has been terminated.

TABLE 17--FACTORS USED IN THE COMPUTATION OF TENTATIVE CLASS II PRICES IN FEDERAL MILK ORDER MARKETS,
JANUARY 1983 TO DATE 1/

Month	Applicable : Minnesota- Wisconsin price 2/	Weighted : change in : gross values 3/	Basic : Class II : formula price	Class II Differential			Tentative Class II price 4/		
				Group A	Group B	Group C	Group A	Group B	Group C
	Dollars per 100 pounds								
1983									
January	12.56	0	12.56	.12	.17	.27	12.68	12.73	12.83
February	12.62	- .13	12.49	.11	.16	.26	12.60	12.65	12.75
March	12.62	- .12	12.50	.10	.15	.25	12.60	12.65	12.75
April	12.59	0	12.59	.11	.16	.26	12.70	12.75	12.85
May	12.53	0	12.53	.12	.17	.27	12.65	12.70	12.80
June	12.51	0	12.51	.11	.16	.26	12.62	12.67	12.77
July	12.51	0	12.51	.12	.17	.27	12.63	12.68	12.78
August	12.50	0	12.50	.12	.17	.27	12.62	12.67	12.77
September	12.50	.01	12.51	.12	.17	.27	12.63	12.68	12.78
October	12.48	.03	12.51	.12	.17	.27	12.63	12.68	12.78
November	12.48	.09	12.57	.12	.17	.27	12.69	12.74	12.84
December									

1/ This pricing provision is currently in effect in 40 marketing areas. Three separate differentials and tentative prices are computed. For ease of presentation, the 40 marketing areas have been grouped as follows: Group A: Central Arizona, Central Arkansas, Central Illinois, Chicago Regional, Eastern Colorado, Eastern Ohio-Western Pennsylvania, Eastern South Dakota, Fort Smith, Georgia, Great Basin, Greater Kansas City, Greater Louisiana, Indiana, Iowa, Louisville-Lexington-Evansville, Lubbock-Plainview, Memphis, Nashville, Nebraska-Western Iowa, New Orleans-Mississippi, Ohio Valley, Paducah, Rio Grande Valley, St. Louis-Ozarks, Southern Illinois, Southwest Plains, Southwestern Idaho-Eastern Oregon, Tennessee Valley, Texas, Texas Panhandle, Upper Midwest, and Western Colorado. Group B: Lake Mead, Southeastern Florida, Southern Michigan, Tampa Bay, and Upper Florida. Group C: Inland Empire, Oregon-Washington, and Puget Sound.

2/ Price at 3.5 percent butterfat content for the second preceding month.

3/ Total weighted change in gross values of milk used to produce Cheddar cheese and butter/nonfat dry milk.

4/ As announced on the 15th of the preceding month. The final (effective) Class II price is announced on the 5th of the following month. See table 2 for the (effective) Class II price.

TABLE 18--DAIRY PRODUCT WHOLESALE PRICES AND SELECTED DAIRY FARMER PRICE MEASURES,
JANUARY 1983 TO DATE, WITH COMPARISONS

Month	Dairy product wholesale prices									
	BUTTER 1/		CHEDDAR CHEESE 1/		NONFAT DRY MILK 2/		DRIED WHEY EDIBLE 1/			
	Chicago		Wisconsin assembling points		Chicago area plant		Central States production area			
	Grade A	Barrel	Barrel	Blocks	Blocks	Spray Process	Nonhygroscopic			
1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1982
Dollars per pound										
Jan.	1.4725	1.4753	1.3475	1.3325	1.3933	1.3831	.9419	.9323	.1249	.1131
Feb.	1.4725	1.4747	1.3396	1.3162	1.3838	1.3738	.9393	.9361	.1149	.1128
Mar.	1.4725	1.4778	1.3375	1.3321	1.3796	1.3738	.9387	.9349	.1125	.1336
Apr.	1.4725	1.4735	1.3351	1.3273	1.3764	1.3738	.9396	.9344	.1137	.1419
May	1.4725	1.4725	1.3327	1.3225	1.3738	1.3688	.9382	.9341	.1134	.1366
June	1.4731	1.4729	1.3375	1.3225	1.3738	1.3738	.9379	.9343	.1125	.1552
July	1.4725	1.4759	1.3338	1.3327	1.3700	1.3738	.9375	.9342	.1106	.1651
Aug.	1.4775	1.4807	1.3332	1.3375	1.3705	1.3776	.9359	.9346	.1126	.1758
Sept.	1.5102	1.4835	1.3483	1.3427	1.3917	1.3813	.9417	.9347	.1236	.1738
Oct.		1.4744		1.3531		1.4028		.9369		.1592
Nov.		1.4818		1.3510		1.4064		.9374		.1541
Dec.		1.4794		1.3475		1.4036		.9366		.1430
Av		1.4769		1.3348		1.3827		.9350		.1470

Month	Dairy farmer price measures: U.S. averages 3/									
	Milk cows 4/		Dairy feed 5/ (16% Protein)		All hay baled 5/		Cows 6/		Milk-feed price ratio 7/	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
	\$ per head	\$ per head	\$ per ton	\$ per ton	\$ per ton	\$ per ton	\$ per cwt.	\$ per cwt.	Pounds	Pounds
Jan.	1,050	1,150	175	181	70.10	67.90	37.00	36.90	1.58	1.55
Feb.	---	---	177	180	74.60	69.90	41.40	38.70	1.56	1.54
Mar.	---	---	175	179	70.50	69.50	42.70	40.00	1.55	1.52
Apr.	1,060	1,110	182	179	75.30	73.30	42.40	40.30	1.48	1.50
May	---	---	184	181	83.30	77.50	41.90	41.90	1.45	1.47
June	---	---	184	179	75.90	69.60	41.20	41.30	1.43	1.46
July	1,060	1,110	182	180	72.00	66.40	39.60	40.60	1.45	1.47
Aug.	---	---	189	177	72.20	65.00	37.70	39.80	1.41	1.49
Sept.	---	---	198	173	74.20	65.90	36.00	38.10	1.36	1.57
Oct.		1,080		171		68.20		36.80		1.61
Nov.		---		172		68.90		35.00		1.63
Dec.		---		174		68.10		34.90		1.60
Average		1,110		177		69.10		38.50		1.53

1/ "Dairy Market News," AMS.
2/ 26th of preceding month through 25th of current month, as reported by Statistical Reporting Service.
3/ "Agricultural Prices," SRS.
4/ Animals sold for dairy herd replacement only. Prices are published for January, April, July, and October only.
5/ Mid-month price.
6/ Includes beef cows and cull dairy cows sold for slaughter, but not dairy cows for herd replacement.
7/ Pounds of 16% mixed dairy feed equal in value to one pound of milk sold to plants.

TABLE 19--UNITED STATES MILK PRICES, MINNESOTA-WISCONSIN PRICE SERIES, AND BUTTER-POWDER "SNUBBER" PRICES, JANUARY 1983 TO DATE, WITH COMPARISONS

Month	U.S. milk prices							
	All milk wholesale 1/				Manufacturing grade milk 1/			
	Parity price 2/	Price at test	Percent of parity 3/		Parity price equivalent	Price at test	Average fat test	Percent of parity price equivalent 4/
	\$ per cwt.		Pct.		\$ per cwt.		Percent	
Jan.	21.80	13.80	61		19.75	12.90	3.79	64.3
Feb.	21.80	13.80	62		19.75	12.80	3.76	64.0
Mar.	21.90	13.60	62		19.84	12.70	3.70	63.8
Apr.	22.00	13.50	63		19.93	12.70	3.69	63.5
May	22.10	13.30	63		20.02	12.50	3.62	62.9
June	22.20	13.20	63		20.11	12.40	3.55	62.7
July	22.10	13.20	62		20.02	12.30	3.50	62.9
Aug.	22.20	13.30	61		20.11	12.20	3.48	62.4
Sept.	22.30	13.50	61		20.20	12.50	3.60	62.5
Oct.								
Nov.								
Dec.								
Average								

Month	U.S. milk prices, 3.5 percent butterfat basis 5/								Prices paid for manufacturing grade milk, 3.5 percent butterfat content	
	All milk wholesale				Milk eligible for fluid market				Minnesota-Wisconsin manufacturing grade milk 6/	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
-----Dollars per 100 pounds-----										
Jan.	13.32	13.49	13.52	13.59	12.39	12.42	12.62	12.45	13.43	13.36
Feb.	13.38	13.38	13.58	13.58	12.34	12.32	12.59	12.46	13.41	13.39
Mar.	13.26	13.35	13.48	13.46	12.35	12.31	12.53	12.45	13.40	13.39
Apr.	13.18	13.23	13.40	13.33	12.36	12.28	12.51	12.45	13.41	13.37
May	13.12	13.08	13.24	13.29	12.29	12.21	12.51	12.43	13.40	13.36
June	13.15	13.15	13.25	13.26	12.31	12.21	12.50	12.42	13.40	13.37
July	13.24	13.20	13.34	13.40	12.30	12.26	12.50	12.42	13.39	13.38
Aug.	13.34	13.30	13.44	13.40	12.24	12.25	12.48	12.44	13.40	13.40
Sept.	13.37	13.42	13.57	13.54	12.32	12.30	12.48	12.46	13.58	13.42
Oct.		13.43		13.55		12.39		12.56		13.40
Nov.		13.40		13.62		12.39		12.56		13.43
Dec.		13.38		13.60		12.39		12.62		13.41
Average		13.33		13.53		12.28		12.48		13.39

1/ "Agricultural Prices," SRS. 2/ Parity prices shown are based on data for the current month. 3/ Seasonally adjusted. 4/ Price at test adjusted to a 3.67 percent fat test by using Chicago Grade A butter price times 0.120 as a percentage of parity price equivalent. 5/ Based on prices at test as reported in "Agricultural Prices," SRS; converted to a 3.5 percent test by using Chicago Grade A butter price times 0.120. 6/ Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by SRS. 3.5 percent price converted by using Chicago Grade A butter price times 0.120. 7/ (Chicago Grade A butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

TABLE 20--UNITED STATES GENERAL PRICE MEASURES, JANUARY 1983 TO DATE, WITH COMPARISONS

Month	General price measures 1/									
	Index of prices received by farmers					Parity ratio				
	2/					3/				
	All farm products					Livestock & Products				
	Percent	1983	Percent	1983	Percent	Percent	1983	Percent	1983	Percent
	change	from 1982	change	from 1982	change	change	from 1982	change	from 1982	change
	Indexes 1977=100									
Jan.	157	1.9	128	- 3.0	142	3.6	142	- .7	82	
Feb.	158	2.6	132	- .8	146	2.8	142	0	84	
Mar.	159	2.6	134	.8	146	.7	140	0	84	
Apr.	159	2.6	136	.7	145	- 1.4	139	.7	86	
May	160	2.6	137	- 1.4	144	- 4.6	137	.7	86	
June	160	2.6	134	- 2.9	141	- 6.0	136	0	84	
July	160	1.9	131	- 4.4	137	- 6.8	136	0	82	
Aug.	160	1.9	139	4.5	139	- 6.1	137	0	87	
Sept.	161	2.5	136	0	137	- 6.8	139	- .7	84	
Oct.										
Nov.										
Dec.										
Av.										

Month	General price measures 4/									
	Producer price index					Consumer price index				
	All commodities					Food				
	Dairy Products					Dairy Products				
	Percent	1983	Percent	1983	Percent	Percent	1983	Percent	1983	Percent
	change	from 1982	change	from 1982	change	change	from 1982	change	from 1982	change
	Indexes 1967=100									
Jan.	300.0	0.6	250.7	1.2	293.1	3.8	288.1	2.5	249.5	1.5
Feb.	301.2	.9	251.0	1.2	293.2	3.5	289.0	2.0	249.7	1.3
Mar.	300.5	.9	250.7	1.1	293.4	3.6	290.5	2.7	249.6	1.3
Apr.	300.8	1.0	251.0	1.0	295.5	3.9	291.9	2.8	250.1	1.1
May	301.7	1.0	250.9	1.0	297.1	3.5	292.4	2.4	250.3	1.3
June	302.5	1.0	250.4	.7	298.1	2.6	292.0	1.5	249.8	1.4
July	303.2	.9	250.3	.6	299.3	2.4	292.0	1.2	249.8	.9
Aug.	304.9	1.5	250.4	.6	300.3	2.6	292.2	1.7	250.2	1.1
Sept.	305.3	1.9	250.5	.5	301.8	2.9	292.6	1.7	250.2	1.3
Oct.										
Nov.										
Dec.										
Av.										

1/ "Agricultural Prices," SRS.

2/ For commodities and services, interest, taxes, and wage rates.

3/ Ratio of the Index of Prices Received by Farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

4/ "Producer Price Index," Bureau of Labor Statistics, (BLS), U.S. Department of Labor, as first reported.

"Consumer Price Index," BLS, consumer price index for all urban consumers (CPI-U), not seasonally adjusted.

TABLE 21--CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS: SELECTED PRODUCTS, UNITED STATES CITY AVERAGE, JANUARY 1983 TO DATE WITH COMPARISONS 1/

Month	Fresh whole milk		Butter		Cheese		Ice cream and related products		Meat		Poultry	
	Index	Percent change	Index	Percent change	Index	Percent change	Index	Percent change	Index	Percent change	Index	Percent change
	2/	from 1982	2/	from 1982	3/	from 1982	3/	from 1982	2/	from 1982	2/	from 1982
Jan.	223.7	1.1	253.4	1.6	145.2	2.3	152.5	1.1	272.2	5.6	191.3	- 1.5
Feb.	223.4	.9	253.6	1.9	145.5	1.9	153.1	2.1	273.3	5.0	194.0	- .9
Mar.	223.4	.8	253.5	1.4	145.5	1.5	150.7	.8	272.8	4.4	193.7	- .5
Apr.	223.5	.6	253.9	1.5	146.5	1.9	152.0	.7	273.3	3.7	191.0	- 1.2
May	223.2	.5	254.4	1.3	146.5	1.7	153.6	3.3	272.7	1.1	192.0	- 2.0
June	222.9	.7	252.7	.7	146.0	2.0	154.0	2.9	270.2	- 2.5	193.6	- 2.0
July	222.8	.5	253.3	.9	146.9	1.9	151.6	.8	267.8	- 3.9	198.1	- .8
Aug.	223.2	.9	254.2	.8	146.4	1.1	152.5	1.3	264.2	- 4.4	200.5	2.2
Sept.	222.6	.8	253.9	.7	146.8	1.3	154.4	3.4	262.6	- 5.7	204.4	4.2
Oct.												
Nov.												
Dec.												

1/ "CPI Detailed Report," BLS, U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data for 85 urban areas.

2/ The standard reference base period for these indexes is 1967=100.

3/ The standard reference base period for these indexes is December 1977=100.

TABLE 22--U.S.D.A. PURCHASES (DELIVERY BASIS), JANUARY 1983 TO DATE, WITH COMPARISONS

Month	Butter 1/		Cheese 1/		Nonfat dry milk 1/		Milk equivalent of net U.S.D.A. purchases 2/	
	1983	1982	1983	1982	1983	1982	1983	1982
	- - - - - 1,000 pounds - - - - -						Million pounds	
Jan.	66,565	55,103	60,823	33,657	81,752	71,100	1,973	1,463
Feb.	59,227	56,719	68,364	39,115	83,883	71,883	1,891	1,555
Mar.	46,727	52,244	83,197	57,274	106,006	92,013	1,782	1,643
Apr.	53,262	44,480	86,868	70,087	95,917	95,020	1,958	1,610
May	55,547	46,301	83,499	70,633	111,837	93,634	1,971	1,683
June	40,134	39,944	103,304	80,680	123,661	120,692	1,847	1,623
July	23,373	18,123	89,091	69,109	102,875	95,465	1,358	1,056
Aug.	16,580	12,550	85,343	60,357	104,030	72,559	1,179	848
Sept.	5,942	12,004	51,852	50,270	63,358	60,572	615	746
Oct.		21,265		38,219		51,643		820
Nov.		7,781		37,108		49,843		513
Dec.		15,526		44,845		66,844		760
Year to date	3/ 367,357	4/ 382,040	5/ 712,341	6/ 651,354	7/ 873,319	8/ 941,268	9/ 14,574	10/ 14,320

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; includes purchases under price support, Section 709, Section 32, and Section 4A programs.

3/ Includes 648 thousand pounds butter equivalent purchased as anhydrous milkfat, and 52,614 thousand pounds purchased as packaged butter.

4/ Includes 4,607 thousand pounds butter equivalent purchased as anhydrous milkfat, and 4,148 thousand pounds purchased as packaged butter.

5/ Includes 436,678 thousand pounds purchased in 500-pounds barrels, 25,540 thousand pounds process cheese, and 24,841 thousand pounds purchased as mozzarella cheese.

6/ Includes 416,602 thousand pounds purchased in 500-pounds barrels, 168 thousand pounds purchased as process cheese, 44 thousand pounds purchased as 60-pound block cheese, and 28,389 thousand pounds purchased as mozzarella cheese.

7/ Includes 413,566 thousand pounds purchased as fortified nonfat dry milk, and 10,193 thousand pounds purchased as instantized nonfat dry milk.

8/ Includes 187,229 thousand pounds purchased as fortified nonfat dry milk.

9/ Includes 37 and 245 million pounds (milk equivalent) of evaporated milk and mozzarella cheese, respectively.

10/ Includes 45 and 280 million pounds (milk equivalent) of evaporated milk and mozzarella cheese, respectively.

TABLE 23--U.S. PRODUCTION, MILK AND SELECTED MANUFACTURED DAIRY PRODUCTS, JANUARY 1983 TO DATE, WITH COMPARISONS

Month	Milk 1/		Butter 2/		Total Cheese 2/		Nonfat Dry Milk 2/		Frozen desserts 2/	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
		3/		3/		3/		3/		3/
	Bil. pounds		- - - - - Mil. pounds - - - - -				Mil. gallons			
Jan.	11.3	11.1	133.9	127.3	374.9	351.3	117.7	111.8	74.5	68.0
Feb.	10.6	10.4	120.7	115.9	352.6	331.0	115.7	107.9	81.3	78.8
Mar.	12.0	11.7	126.1	123.4	416.9	391.7	135.0	127.5	107.3	102.5
Apr.	11.9	---	126.5	---	408.1	---	137.2	---	99.5	---
May	12.5	---	121.1	---	429.2	---	156.8	---	115.6	---
June	12.0	35.7	109.6	334.0	436.0	1,202.9	157.8	417.5	133.3	333.7
July	11.9	---	94.7	---	400.6	---	145.7	---	127.2	---
Aug.	11.6	---	83.9	---	380.7	---	127.5	---	130.4	---
Sept.	11.3	34.0	84.2	256.4	375.1	1,121.3	104.6	339.0	111.9	345.8
Oct.	---	---	---	---	---	---	---	---	---	---
Nov.	---	---	---	---	---	---	---	---	---	---
Dec.	---	32.9	---	300.0	---	1,141.5	---	296.9	---	247.5
Total 4/	105.2	135.8	1,000.7	1,257.0	3,574.1	4,539.8	1,198.0	1,400.6	981.2	1,176.2

1/ "Milk Production," SRS.

2/ "Dairy Products," SRS. Frozen desserts include ice cream, ice milk, and sherbet.

3/ Effective April 1982, the frequency of these data was changed to quarterly. Figures for June, September, and December represent quarterly totals.

4/ May not add due to rounding.

TABLE 24--COMMERCIAL AND GOVERNMENT STORAGE HOLDINGS, JANUARY 1983 TO DATE WITH COMPARISONS

Month	Storage Holdings 1/											
	Butter 2/				Total cheese 2/				Nonfat dry milk			
	Total				Total				Total			
	Commer- cial	Gov't	1983	1982	Commer- cial	Gov't	1983	1982	Commer- cial	Gov't	1983	1982
	1983		3/	4/	1983	5/	3/	4/	6/	7/	3/	4/
	Mil. Pounds											
Jan.	29.6	455.8	485.4	430.3	428.9	586.6	1,015.5	711.7	84.4	1,123.2	1,207.6	908.2
Feb.	29.7	498.2	527.9	440.4	457.2	616.2	1,073.5	696.4	92.5	1,135.3	1,225.8	943.2
Mar.	29.7	503.3	533.0	447.8	461.4	641.8	1,103.2	722.4	81.4	1,142.9	1,224.3	975.6
Apr.	34.9	514.8	549.7	---	463.0	652.4	1,116.7	---	89.5	1,145.8	1,235.3	---
May	33.5	542.6	576.1	---	468.2	653.6	1,121.8	---	99.0	1,204.5	1,303.5	---
June	30.1	558.5	588.5	541.6	469.3	674.5	1,143.8	803.9	91.2	1,218.5	1,309.7	1,132.4
July	29.6	558.8	588.4	---	500.2	691.3	1,191.4	---	99.2	1,241.2	1,340.4	---
Aug.	30.5	551.4	581.8	---	484.5	743.2	1,227.7	---	85.8	1,308.6	1,394.4	---
Sept.	30.1	525.2	555.3	510.0	498.2	758.4	1,256.7	864.3	69.7	1,279.7	1,349.4	1,240.1
Oct.	---	---	---	---	---	---	---	---	---	---	---	---
Nov.	---	---	---	---	---	---	---	---	---	---	---	---
Dec.	---	---	466.8	---	---	---	963.5	---	---	---	---	1,188.7

1/ End of month.

2/ "Cold Storage Reports," SRS.

3/ May not add due to rounding.

4/ Effective April 1982, the frequency of these data was changed to quarterly.

5/ Data represent natural cheese only and do not include government holdings of processed cheese.

6/ "Dairy Products," SRS.

7/ "Summary of Processed Commodities in Store," Agricultural Stabilization and Conservation Service.

TABLE 25--AVERAGE RETAIL FOOD PRICES FOR SELECTED PRODUCTS, UNITED STATES CITY AVERAGE AND FOUR REGIONS, JANUARY 1983 1/

Region and month	Fresh milk 2/			Butter 3/	Ice cream 4/	Yogurt 5/
	Whole	Skim	Lowfat			
<u>Dollars</u>						
NORTHEAST						
Jan.	1.113	NA	1.032	1.989	2.435	NA
Feb.	1.111	NA	1.035	2.014	2.344	NA
Mar.	1.114	NA	1.000	2.016	2.292	NA
Apr.	1.114	NA	1.041	2.005	2.316	NA
May	1.113	NA	1.054	2.010	2.418	NA
June	1.111	NA	1.057	2.005	2.371	NA
July	1.111	1.048	1.059	2.013	2.335	.539
Aug.	1.109	NA	1.041	2.022	2.360	.557
Sept.	1.090	NA	1.037	2.048	2.465	.578
Oct.						
Nov.						
Dec.						
Average						
NORTH CENTRAL						
Jan.	1.129	1.005	1.075	2.055	2.026	.524
Feb.	1.123	1.007	1.074	2.053	1.934	.484
Mar.	1.122	1.012	1.078	2.054	1.850	.519
Apr.	1.118	.972	1.071	2.053	1.886	.506
May	1.111	.996	1.075	2.062	1.978	.498
June	1.115	1.000	1.074	2.036	1.974	.465
July	1.117	.999	1.070	2.062	1.872	.485
Aug.	1.122	.992	1.063	2.060	1.853	.514
Sept.	1.131	1.005	1.056	2.054	1.914	.513
Oct.						
Nov.						
Dec.						
Average						
SOUTH						
Jan.	1.242	NA	1.188	2.133	2.151	NA
Feb.	1.240	NA	1.226	2.136	2.128	NA
Mar.	1.241	NA	1.220	2.145	2.107	NA
Apr.	1.246	NA	1.226	2.161	2.088	NA
May	1.235	NA	1.227	2.176	2.046	NA
June	1.233	NA	1.222	2.168	2.075	NA
July	1.235	NA	1.227	2.165	2.146	NA
Aug.	1.243	NA	1.232	2.148	2.141	NA
Sept.	1.244	NA	1.208	2.130	2.172	NA
Oct.						
Nov.						
Dec.						
Average						

Continued

TABLE 25--AVERAGE RETAIL FOOD PRICES FOR SELECTED PRODUCTS, UNITED STATES CITY AVERAGE AND FOUR REGIONS, JANUARY 1983 1/ TO DATE WITH COMPARISONS--CONTINUED

Region and month	Fresh milk <u>2/</u>			Butter <u>3/</u>	Ice cream <u>4/</u>	Yogurt <u>5/</u>
	Whole	Skim	Lowfat			
	<u>Dollars</u>					
WEST						
Jan.	1.056	.883	1.021	2.031	2.266	NA
Feb.	1.056	.888	1.023	2.049	2.255	NA
Mar.	1.057	.895	1.034	2.057	2.217	NA
Apr.	1.058	.897	1.036	2.068	2.245	NA
May	1.055	.893	1.035	2.064	2.239	NA
June	1.051	.896	1.033	2.064	2.247	NA
July	1.049	.896	1.034	2.056	2.234	.511
Aug.	1.050	.898	1.034	2.055	2.311	.511
Sept.	1.051	.901	1.036	2.068	2.354	.518
Oct.						
Nov.						
Dec.						
Average						
U.S. Average						
Jan.	1.134	.993	1.068	2.048	2.179	.514
Feb.	1.133	.990	1.077	2.059	2.139	.499
Mar.	1.133	.992	1.075	2.063	2.091	.509
Apr.	1.133	.980	1.082	2.066	2.107	.505
May	1.128	.986	1.086	2.072	2.140	.511
June	1.127	.984	1.086	2.062	2.141	.493
July	1.127	.985	1.086	2.069	2.122	.510
Aug.	1.130	.988	1.082	2.065	2.135	.525
Sept.	1.127	.994	1.074	2.071	2.193	.533
Oct.						
Nov.						
Dec.						
Average						

NA-Not available.

1/ "Consumer Prices: Energy and food," BLS, U.S. Department of Labor. Regions are defined as the four census regions. According to BLS, average prices are best used to measure the price level in a particular month, not to measure price change over time. To measure change over time, the Consumer Price Index and its component indexes for individual items are more appropriate. The average food prices included in this table reflect variations in brand, quality, and size among geographic areas. BLS suggests that users of average food prices should be aware that these differences exist.

2/ Prices are per 1/2 gallon.

3/ Prices are per pound for Grade AA, salted, stick butter.

4/ Prices are per 1/2 gallon for prepackaged, bulk, regular.

5/ Prices are per 1/2 pint for natural, fruit flavored.

ADJUSTING IN-AREA FLUID MILK SALES FOR CALENDAR COMPOSITION*

The trend in sales of fluid milk products is one of the more important statistics used to assess the current dairy situation. Tables 8 and 9 of this publication present sales of whole milk items, lowfat and skim milk items, and the total of these in marketing areas as geographically defined by each Federal milk order market. These sales figures reflect not only variation due to trend, but also variations due to seasonality, calendar composition, and randomness. The effect of seasonality is minimized by comparing monthly data for the current year with the same month of the previous year. Since the adjustment process described in this article removes most of the variation due to calendar composition, the adjusted sales data generated by this process can be used to measure trend.

Variation in sales data due to calendar composition results because the number of the types of days--Sundays, Mondays, etc.--that occur in a particular month vary from year to year. For example, in 1982, August had five Sundays, Mondays, and Tuesdays whereas in 1983, August had five Mondays, Tuesdays, and Wednesdays. In comparing the two months, 1982 had an extra Sunday and 1983 had an extra Wednesday. Since there is daily variation in fluid milk sales data, sales in August 1982 can be expected to be different than sales in August 1983, because sales on Sundays are different than sales on Wednesdays.

Therefore, the key to accounting for monthly calendar variation in fluid milk sales lies in estimating day-to-day variation during the week. A procedure called the 31-30 Day Difference Method was used to develop a set of daily weights which eliminate most of the variation due to calendar composition. These weights are shown in Table A.

TABLE A--INDEX OF DAILY VARIATION IN WEEKLY IN-AREA SALES

<u>Days</u>	<u>Index</u>		
	<u>Whole Milk Items</u>	<u>Lowfat and Skim Milk Items</u>	<u>Total Fluid Milk Items</u>
Sunday	-0.0764	0.2792	0.0793
Monday	1.3400	1.1628	1.2767
Tuesday	1.2380	1.0671	1.1667
Wednesday	.8840	1.0030	.9250
Thursday	1.0858	1.1624	1.1284
Friday	1.4493	1.1934	1.3318
Saturday	1.0793	1.1321	1.0921

These indexes show how sales on a particular day of the week compare to an average sales day. For example, sales of total fluid milk items on a Sunday are 7.93 percent of an average sales day whereas sales on a Friday are 133.18 percent of an average sales day. Small negative indexes do not disrupt the following calculations.

MONTHLY ADJUSTMENT FACTORS

To derive factors for adjusting monthly data, the sum of the daily weights for each type of month ^{1/} was divided by the number of days in that month. For example, a 31-day month beginning on a Sunday has a total weight of 30.5091 for lowfat and skim milk items which when divided by 31.0, yields an adjustment factor of 0.9842. The adjustment factors for the other types of months are shown in Table B.

TABLE B--FACTORS FOR ADJUSTING MONTHLY IN-AREA SALES FOR VARIATIONS DUE TO
CALENDAR COMPOSITION

Adjustment factors

First Day	:	Whole milk items		:	Lowfat and skim milk items		:	Total fluid milk items	
	:	31-day	30-day	:	31-day	30-day	:	31-day	30-day
	:	months	months	:	months	months	:	months	months
Sunday	:	0.9839	0.9754		0.9842	0.9814		0.9846	0.9785
Monday	:	1.0149	1.0193		1.0075	1.0077		1.0119	1.0148
Tuesday	:	1.0067	1.0041		1.0075	1.0023		1.0071	1.0031
Wednesday	:	1.0135	.9990		1.0116	1.0055		1.0124	1.0018
Thursday	:	1.0198	1.0178		1.0157	1.0119		1.0178	1.0153
Friday	:	.9824	1.0176		.9872	1.0108		.9840	1.0141
Saturday	:	.9788	.9668		.9863	.9804		.9822	.9724

The adjustment factor for all 28-day Februarys is 1.0000. The above factors may be applied either to total monthly sales or daily average sales.

These adjustment factors reflect how sales in a particular type of month compare to sales in a month in which all the days are average sales days. For example, since the adjustment factor for a 31-day month beginning on a Sunday for total fluid milk items is 0.9846, sales of these items during such a month are lower than during an average-sales-day month. Therefore, sales during such a month need to be adjusted upward before comparisons to a previous year can be made on a comparable basis. Monthly in-area sales are adjusted to a comparable year-to-year basis by dividing the reported sales by the respective adjustment factor. Table C provides a convenient means of finding the factors applicable to any specific month from 1982-84. Table C is shown on the next page.

A word of caution: The daily weights and the monthly adjustment factors derived from these were based on in-area sales of whole milk items, lowfat and skim milk items, and the total of these in the combined marketing areas. They are intended to apply only to combined market sales data. They may not be the best weights and adjustment factors to apply to individual market data or to individual products.

^{1/} The type of month can vary depending on which day the month begins and how many days are in the month.

An explanation of the 31-30 Day Difference Method and an evaluation of the weights obtained are contained in an informal Dairy Division report entitled "Adjusting In-Area Fluid Milk Sales Data for Calendar Composition." You can obtain a copy of this report by writing to the Chief, Market Information Branch, Dairy Division, Agricultural Marketing Service, U.S. Department of Agriculture, Washington, DC 20250.

TABLE C--FACTORS FOR ADJUSTING IN-AREA SALES OF WHOLE MILK, LOWFAT AND SKIM MILK ITEMS, AND TOTAL OF THESE FOR CALENDAR COMPOSITION, BY MONTHS, 1982 THROUGH 1984

<u>Whole milk items</u>			
<u>Adjustment factors</u>			
<u>Month</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
January	0.9824	0.9788	0.9839
February	1.0000	1.0000	1.0316
March	1.0149	1.0067	1.0198
April	1.0178	1.0176	.9754
May	.9788	.9839	1.0067
June	1.0041	.9990	1.0176
July	1.0198	.9824	.9839
August	.9839	1.0149	1.0135
September	.9990	1.0178	.9668
October	.9824	.9788	1.0149
November	1.0193	1.0041	1.0178
December	1.0135	1.0198	.9788
Year	1.0012	1.0002	1.0007

<u>Lowfat and skim milk items</u>			
<u>Adjustment factors</u>			
<u>Month</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
January	0.9872	0.9863	0.9842
February	1.0000	1.0000	1.0358
March	1.0075	1.0075	1.0157
April	1.0119	1.0108	.9814
May	.9863	.9842	1.0075
June	1.0023	1.0055	1.0108
July	1.0157	.9872	.9842
August	.9842	1.0075	1.0116
September	1.0055	1.0119	.9804
October	.9872	.9863	1.0075
November	1.0077	1.0023	1.0119
December	1.0116	1.0157	.9863
Year	1.0005	1.0004	1.0012

Total fluid milk items

Adjustment factors

<u>Month</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
January	0.9840	0.9822	0.9846
February	1.0000	1.0000	1.0330
March	1.0119	1.0071	1.0178
April	1.0153	1.0141	.9785
May	.9822	.9846	1.0071
June	1.0031	1.0018	1.0141
July	1.0178	.9840	.9846
August	.9846	1.0119	1.0124
September	1.0018	1.0153	.9724
October	.9840	.9822	1.0119
November	1.0148	1.0031	1.0153
December	1.0124	1.0178	.9822
Year	1.0009	1.0003	1.0010

COMPARING SALES IN DIFFERENT MONTHS

A further application of calendar composition adjustment factors is in comparing in-area sales in different months of the same or different years. To accomplish this, it is necessary to employ seasonal indexes as well as calendar composition adjustment factors. Such indexes based on seasonal patterns of the last 10 years are given in Table D. These seasonal indexes are shown two ways: (1) based on daily average sales, which presents a truer depiction of seasonal variations, and (2) based on total sales, which takes into account the number of days in the month.

TABLE D--SEASONAL INDEXES OF IN-AREA SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS AND THE TOTAL OF THESE, BASED ON DATA FOR 1973 THROUGH 1982

Month	Whole milk items		Lowfat and skim milk items		Total fluid milk items	
	Daily avg.	Total	Daily avg.	Total	Daily avg.	Total
	sales	sales	sales	sales	sales	sales
January	: 1.0391	1.0593	1.0477	1.0683	1.0426	1.0629
February	: 1.0293	.9477	1.0502	.9671	1.0374	.9553
March	: 1.0189	1.0386	1.0432	1.0636	1.0285	1.0486
April	: 1.0042	.9907	1.0263	1.0126	1.0129	.9994
May	: .9785	.9975	.9890	1.0083	.9829	1.0020
June	: .9348	.9222	.9162	.9040	.9264	.9140
July	: .9268	.9448	.8981	.9157	.9145	.9323
August	: .9633	.9820	.9340	.9523	.9513	.9698
September	: 1.0273	1.0134	1.0252	1.0116	1.0273	1.0135
October	: 1.0407	1.0609	1.0430	1.0635	1.0424	1.0627
November	: 1.0277	1.0139	1.0290	1.0153	1.0286	1.0148
December	: 1.0094	1.0290	.9981	1.0177	1.0052	1.0247

In order to compare sales in two different months of the same or different years, it is necessary to divide the sales figures by the respective seasonal factors and then by the appropriate calendar composition factors. The two adjusted sales figures can then be compared directly and any difference would reflect only the effects of trend and random variation.

For example, how do January 1983 in-area sales of total fluid milk items compare with sales of these items in August 1983? The procedure is as follows:

(1) For January 1983:

- a. divide in-area sales by the January seasonal factor
 $2,956 \text{ divided by } 1.0629 = 2,781 \text{ million pounds}$
- b. divide by the January 1983 calendar composition factor
 $2,781 \text{ divided by } 0.9822 = 2,831 \text{ million pounds}$

(2) For August 1983:

- a. divide in-area sales by the August seasonal factor
 $2,842 \text{ divided by } 0.9698 = 2,931 \text{ million pounds}$
- b. divide by the August 1983 calendar composition factor
 $2,931 \text{ divided by } 1.0119 = 2,897 \text{ million pounds}$

Comparing the adjusted sales figures for January 1983, 2,831 million pounds, to the adjusted figure for August 1983, 2,897 million pounds, indicated a 2.3 increase in sales between the two months.

A word of caution: The seasonal indexes, like the monthly adjustment factors, are based on in-area sales for combined markets and may not be the best index to apply to individual market data or to individual products within the groups. Also the procedure for comparing sales is only applicable to sales for the same group of markets.

* Prepared by John Rourke, agricultural marketing specialist, Market Information Branch, Dairy Division, Agricultural Marketing Service. FMOS-285, September 1983 Summary.

SUMMARY OF MAJOR ORDER ACTIONS, SEPTEMBER 1983

Suspensions:

Central Arizona - September 29 (48 FR 44460, 9/29/83). This action continues to suspend for the months of October and November 1983, the 65 percent performance standard for pooling a cooperative association's manufacturing plant that is located in the marketing area.

Eastern Ohio-Western Pennsylvania - September 19 (48 FR 41753, 9/19/83). This suspension reduces the minimum supply plant shipping percentage requirements by 10 percentage points to 30 percent during each of the months of September through November 1983.

Eastern South Dakota - September 1 (48 FR 39606, 9/1/83). This action removes for the months of August 1983 through February 1984, the limits on the amount of milk that a cooperative association or other handler may divert to nonpool plants.

Iowa - September 15 (48 FR 41369, 9/15/83). For the months of September through November 1983, this action increases the limits on the amount of milk that may be diverted by a cooperative association or other handlers. During each of these months the limits are raised from 50 percent to 70 percent.

Temporary Revisions:

Chicago Regional - September 20 (48 FR 42964, 9/20/83). This action reduces the minimum supply plant shipping requirements by 10 percentage points to 15 percent during September 1983, and by 12 percentage points to 18 percent during each of the months of October and November 1983.

Iowa - September 8 (48 FR 40511, 9/8/83). For each of the months of September through November 1983, the minimum supply plant shipping percentage requirements are lowered 10 percentage points, from 35 percent to 25 percent.

Southwest Plains - September 13 (48 FR 178, 9/13/83). For each of the months of September 1983 through January 1984, the minimum shipping percentage requirements for supply plants are reduced 10 percentage points, from 50 percent to 40 percent.

Amendments:

Great Basin - September 1 (48 FR 34015, 7/27/83). This action provides a Class II classification for formulas prepared for infant feeding or dietary use that are aseptically packaged in hermetically sealed paper containers.

Middle Atlantic - September 1 (48 FR 39033, 8/29/83). The minimum percentage of the milk supply of a cooperative association or federation of cooperative associations that must be delivered to pool distributing plants in order to pool the association's reserve processing plant is reduced from 40 percent to 30 percent.

Oregon-Washington - September 1 (48 FR 156, 8/11/83). The limits on the diversion of milk by a cooperative association or pool plant handler are increased 10 percentage points, from 50 to 60 percent of the total milk they receive from producers each month.

The calculations of a daily base and base milk production for a producer are changed from using days of production represented by the deliveries to using the actual number of days during the particular period.

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